

Form 3160-3 (July 1992)

# **UNITED STATES**

SUBMIT IN TRIPLICATE\*

### FORM APPROVED

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

OMB NO. 1040-0136 Expires: February 28, 1995

#### 5. LEASE DESIGNATION AND SERIAL NO. DEPARTMENT OF THE INTERIOR UTU-74493 **BUREAU OF LAND MANAGEMENT**

APPLICATION FOR PERMIT	N/A						
TYPE OF WORK			7. UNIT AGREEMENT NAM	E			
DRILL 🗹	DEEPEN□		N/A				
TYPE OF WELL			8. FARM OR LEASE NAME	, WELL NO.			
OIL WELL GAS WELL OTHER ZONE	✓ MULTIPLE ZONE		GB 16MU-	20-8-22			
OIL WELL GAS WELL OTHER ZONE  2. NAME OF OPERATOR	Contact: Jan Ne	leon	9. API WELL NO.				
QEP Uinta Basin, Inc.		an.nelson@questar.com	43-04	7-37664			
3. ADDRESS	Telphone numbe		10. FIELD AND POOL, OR	WILDCAT '			
11002 E. 17500 S. Vernal, Ut 84078		781-4331 Fax 435-781-4329	NATURAL	BUTTES			
4. LOCATION OF WELL (Report location clearly and	in accordance wit	th and State requirements*)	11. SEC.,T, R, M, OR BLK	& SURVEY OR AREA			
At Surface /2 3 // 10 Y 556' FSL 605' FEL. SI	ESE. SECTION 20	D, T8S, R22E	SESE, SECTION	20, T8S, R22E			
At proposed production zone SAME 444014	14 40.103	3358 -109.455916					
14. DISTANCE IN MILES FROM NEAREST TOWN OR			12. COUNTY OR PARISH	13. STATE			
14 +/- MILES FROM			UINTAH	UT			
15. DISTANCE FROM PROPOSED LOCATION TO NE.	AREST	16.NO.OF ACRES IN LEASE	17. NO. OF ACRES ASSIG	NED TO THIS WELL			
PROPERTY OR LEASE LINE, FT.							
(also to nearest drig,unit line if any)		864.42	40				
556'+/-		AS DECEMBED DEPTH	20. BLM/BIA Bond No. on	file			
18.DISTANCE FROM PROPOSED location to nearest	well, drilling,	19. PROPOSED DEPTH	ESB000024				
completed, applied for, on this lease, ft		10775'					
2000' +/-	<del></del>	22. DATE WORK WILL START	23. Estimated duration				
21. ELEVATIONS (Show whether DF, RT, GR, ect.)		ASAP	10 DAYS				
4878.2' GR		ASAF					
24. Attachments							
The following, completed in accordance with the requ	uirments of Onsh	ore Oil and Gas Order No. 1, sha	all be attached to this form	:			
Well plat certified by a registered surveyor.		Bond to cover the operations unles	s covered by an exisiting bond o	on file (see			
A Drilling Plan		Item 20 above).					
3. A surface Use Plan ( if location is on National Forest System	Lands,	5. Operator certification.					
the SUPO shall be filed with the appropriate Forest Service C	Office).	6. Such other site specific information	and/or plans as may be require	d by the			
		authorized officer.					
$\alpha$							
SIGNED SAM MUSON	Name (Printed)	Jan Nelson	Date 1-29-06				
TITLE / Regulatory Affairs							
(This space for Federal or State office use)							
PERMIT NO. 43-047-37(104		AL DATE					
Application approval does not warrant or certify the applicant holds any legal or equitab	le title to those rights in the s	ubject lease which would entitle the applicant to cond	uct operations thereon				
CONDITIONS OF APPROVAL IF ANY:	В	RADLEY G. HILL		- 00 4/			

\*See Instructions On Reverse Side

United States any false, fictitious or fraudulent statements or representations as to any mater within its jurisdiction

JAN 3 1 2006

**ENVIRONMENTAL SCIENTIST III** 

### QUESTAR EXPLR. & PROD. T8S, R22E, S.L.B.&M. Well location, GB #16MU-20-8-22, located as shown in the SE 1/4 SE 1/4 of Section 20, T8S, S86'49'53"E - 2610.56' (Meas.) R22E, S.L.B.&M. Uintah County, Utah. N86°53'42"W - 2610.45' (Meas.) 1967 Brass Cap BASIS OF ELEVATION 0.5' High, E-S Fenceline, Tribal Cap 0.4' North 1967 Brass Cap 0.8' High, Four Stones NLY BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35. Brass Cap T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET. BASIS OF BEARINGS BASIS OF BEARINGS IS A G.P.S. OBSERVATION. 1967 Brass Cap 1967 Brass Cap 1.2' High, Pile of Stones 5' WLY SCALE CERTIFICATE THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY VO378'30"E SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELL GB #16MU-20-8-22 Elev. Ungraded Ground = 4879' REGISTERED LAND SURVEYOR **REGISTRATION NO. 161319** 1967 Brass Cap STATE OF UTAH 0.5' High, E-N Revised: 03-15-05 D.R.B. 1967 Brass Cap Fenceline S89'45'34"W - 2635.94' (Meas.) S89'40'32"W - 2628.65' (Meas.) UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (NAD 83) (435) 789-1017 LATITUDE = $40^{\circ}06'12.13''$ (40.103369) LEGEND: SCALE LONGITUDE = $109^{27}23.71$ " (109.456586) DATE SURVEYED: DATE DRAWN: 1" = 1000'05-01-02 05-08-02 (NAD 27) = 90° SYMBOL PARTY REFERENCES LATITUDE = $40^{\circ}06'12.26"$ (40.103406) = PROPOSED WELL HEAD. K.S. T.A. D.COX G.L.O. PLAT LONGITUDE = 109'27'21.24" (109.455900) = SECTION CORNERS LOCATED. WEATHER FILE = SECTION CORNERS COMPUTED FROM G.L.O. (Not Set on Ground) WARM QUESTAR EXPLR. & PROD.

# **Additional Operator Remarks**

QEP Uinta Basin, Inc. proposes to drill a well to 10775' to test the MesaVerde. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

See attached Onshore No. 1

Please be advised that QEP Uinta Basin Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP Uinta Basin Inc. via surety as consent as provided for the 43 CFR 3104.2.

Qep Uinta Basin, Inc. GB 16MU-20-8-22

# ONSHORE OIL & GAS ORDER NO. 1 Approval of Operations on Onshore Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

# 1. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	Depth
Uinta	Surface
Green River	2506'
Wasatch	5646'
Mesa Verde	8411'
TD	10775'

## 2. Anticipated Depths of Oil, Gas, Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

Substance	Formation	Depth
Oil/Gas	Mesa Verde	10775'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

## 3. Anticipated Bottom Hole Pressures

Maximum anticipated bottom hole pressure equals approximately 4673. psi.

QEP UINTA BASIN, INC.
GB 16MU-20-8-22
556' FSL 605' FEL
SESE, SECTION 20, T8S, R22E
UINTAH COUNTY, UTAH
LEASE # UTU-74493

### **ONSHORE ORDER NO. 1**

### **MULTI - POINT SURFACE USE & OPERATIONS PLAN**

An onsite inspection was conducted for the GB 16MU-20-8-22 on January 10, 2006. Weather conditions were cold and cloudy at the time of the onsite. In attendance at the inspection were the following individuals:

Paul Buhler

Bureau of Land Management

Amy Torres

**Bureau of Land Management** 

Jan Nelson

QEP Uinta Basin Inc.

### 1. Existing Roads:

The proposed well site is approximately 14 miles from Ouray, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 - mile radius.

There will be no improvements made to existing road.

## 2. Planned Access Roads:

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Refer to Topo Map B for the location of the proposed access road.

# 3. <u>Location of Existing Wells Within a 1 – Mile Radius:</u>

Please refer to Topo Map C.

## 4. Location of Existing & Proposed Facilities:

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

Refer to Topo Map D for the location of the proposed pipeline.

QEP requests a surface pipeline based on the following justification included in the attached "Request for Exception".

### 5. Location and Type of Water Supply:

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

## 6. Source of Construction Materials:

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

### 7. Methods of Handling Waste Materials:

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

# 8. Ancillary Facilities:

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

# 9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

### 10. Plans for Reclamation of the Surface:

Please see QEP Uinta Basin, Inc. Standard Operating Practices dated October 18, 2005, for Mesa Verde Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and Undesignated fields in Townships 07, 08 and 09 South, Ranges 21 to 25 East.

### Interim Reclamation

Please see attached Interim Reclamation plan.

Once the well is put onto production, QEP will reclaim as much of the well pad as possible that will allow for operations to continue in a safe and reasonable manner. Reseeding will be done in the spring or fall of every year to allow winter precipitation to aid in the succuss of reclamation.

# Seed Mix:

Interim Reclamation:
6 lbs Hycrest Crested Wheatgrass
6 lbs Needle & Thread Grass
Final Reclamation:
Seed Mix # 1 3 lbs Fourwing Saltbush, 3 lbs Indian Rice Grass, 1 lb Needle & Thread Grass and
4 lb Hycrest Crested Wheat.

# 11. Surface Ownership:

Bureau of Land Management 170 South 500 East Vernal, Utah 84078 (435) 781-4400

## 12. Other Information

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted directly to the appropriate agencies by Stephen D. Sandau. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP will provide paleo monitor if needed.

There is a Ferruginous Hawk Stipulation from March 1st to July 15th. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

Construct erosion control structure along access road, use culvert or rock for spillway.

# QEP Uinta Basin, Inc. Request for Exception to Buried Pipeline for GB 16MU-20-8-22

QEP respectfully requests an exception to burying this pipeline. We understand the standard Condition of Approval (COA) that may be included in the approved Application for Permit to Drill (APD) is: "As a Best Management Practice (BMP), the pipeline would be buried within the identified construction width of an access corridor that contains the access road and pipelines. The construction width for the access corridor would increase from 30 feet, by an additional 20 feet, to a total of 50 feet. Exceptions to this BMP may be granted where laterally extensive, hard indurated bedrock, such as sandstone, is at or within 2 feet of the surface; and, soil types with a poor history of successful rehabilitation." QEP will install the pipeline within the access corridor and will avoid cross-country installation when possible. Our reason for requesting a surface line is based on the following justification:

# **Class IV VRM**

- This area's designated Visual Resource Management is classified as Class IV. The Class IV objective is to provide for management activities that require major modification to the existing character of the landscape. The level of change to the landscape can be high. The management activities may dominate the view and may be the major focus of the viewer attention. However, every attempt should be made to minimize the impact of these activities through careful location, minimal disturbance, and repetition of the basic visual elements of form, line, color, and texture.
- QEP feels that surface pipe will comply with this classification more so than buried pipe due to the amount of surface disturbance that will be required to bury it. We believe surface installation within the access corridor will minimize the disturbance so that the pipeline does not dominate the view.

# **Environmental and Safety Concerns**

- Buried pipe will greatly increase surface disturbance and habitat fragmentation. The soil in this area has a poor history of successful rehabilitation. Buried pipe will have an increased corrosion rate and would need to be dug up for repairs or replacement; the constant surface disturbance will not allow time for successful reclamation.
- Increasing surface disturbance will greatly increase noxious and invasive weed infestation.

- With the increased corrosion rate, buried pipe may have undetectable leaks that could go unnoticed for months. Small leaks may turn into large plumes of underground hazards because they are not easily monitored and not seen right away. An undetected leak also increases the potential for explosive incidents. Once detected, the surface will need to be disturbed, once again, to dig up the line and replace or repair it.
- Accidents associated with pipe breaks during construction activities could increase substantially as the number of buried lines increases.
- The additional surface disturbance will increase the risk of disturbing paleontological sites.

# Operational and Mechanical Concerns for Gas Lines

- Cathodic protection will be required for buried pipe. Cathodic protection requires anode beds that must be maintained. This will add substantial costs in labor and material. Additional power lines will need to be installed to the anode beds. The additional costs for equipment and labor will be approximately \$50,000.00 per section.
- Pipeline markers need to be used with buried pipe. This will add costs in labor and material.
- Every tie in requires a valve. The average distance between valves is approximately ¼ mile. Valves will have to be placed in "freeze boxes" or "valve boxes". Valve boxes will be considered confined space which increases the manpower needed to repair or replace valves. Every valve box will also require bright yellow guard rails.
- Additional equipment required for buried pipe can include blades/dozers, trenchers (cutting or blasting in hard rock), side booms, etc. which increases installation costs.
- Buried pipe must have fusion bonded epoxy (FBE) coating. FBE pipe will cost an additional \$2.00 per foot compared to bare pipe.
- ◆ This pipeline has the potential for being upgraded/upsized to a larger pipe diameter depending on production volumes. If upsizing is required, the pipe will need to be dug up which will cause additional surface disturbance and will not allow adequate time for successful reclamation.
- Surface lines are sometimes relocated to accommodate new locations; this is done in an effort to minimize the amount of pipe needed and the amount of surface disturbed. If this pipe is buried, this will no longer be an option.

# Lessee's or Operator's Representative:

Jan Nelson Red Wash Rep. QEP Uinta Basin Inc. 11002 East 17500 South Vernal, Utah 84078 (435) 781-4331

### Certification:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

QEP Uinta Basin, Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP Uinta Basin, Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Jan Nelson 29-Jan-06
Red Wash Representative

# QUESTAR EXPLR. & PROD.

GB #16MU-20-8-22

LOCATED IN UINTAH COUNTY, UTAH SECTION 20, T8S, R22E, S.L.B.&M.

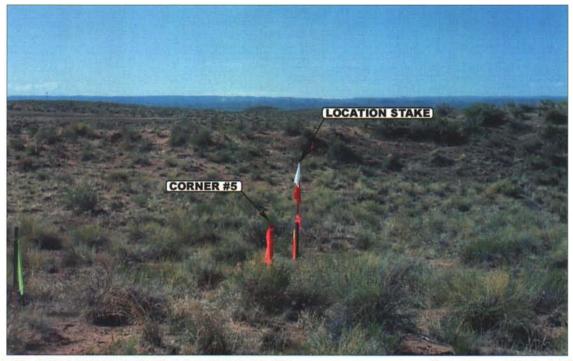


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

**CAMERA ANGLE: SOUTHERLY** 



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



Uintah Engineering & Land Surveying

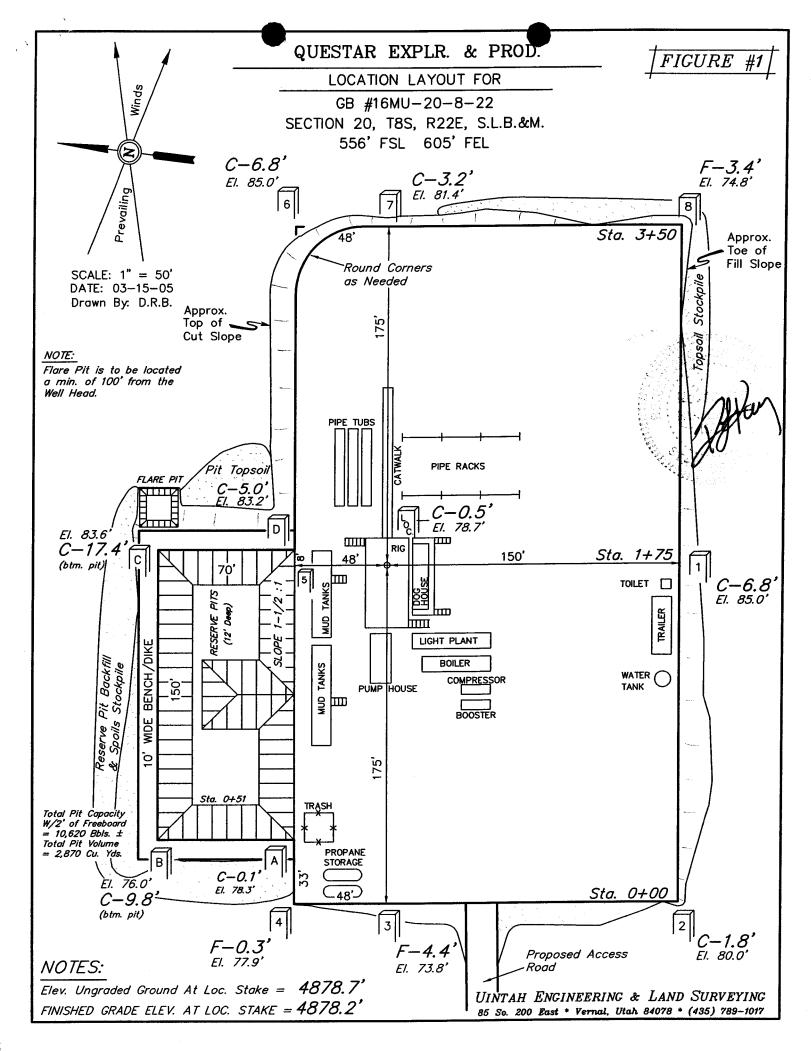
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

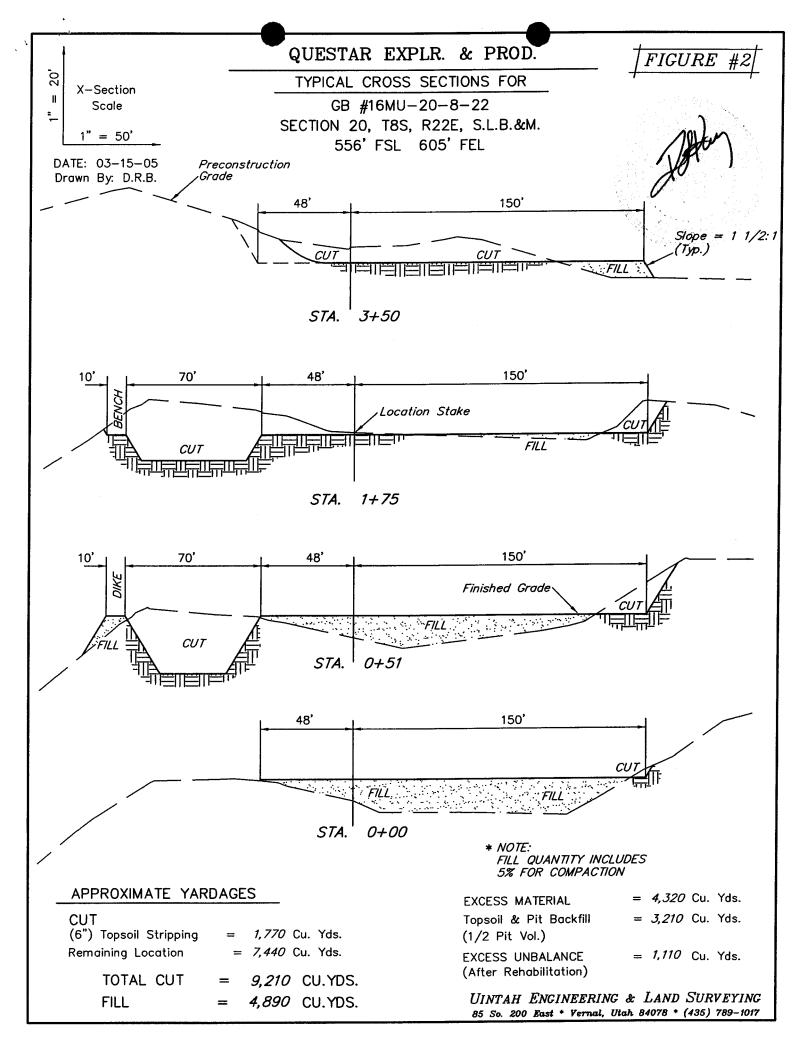
LOCATION PHOTOS

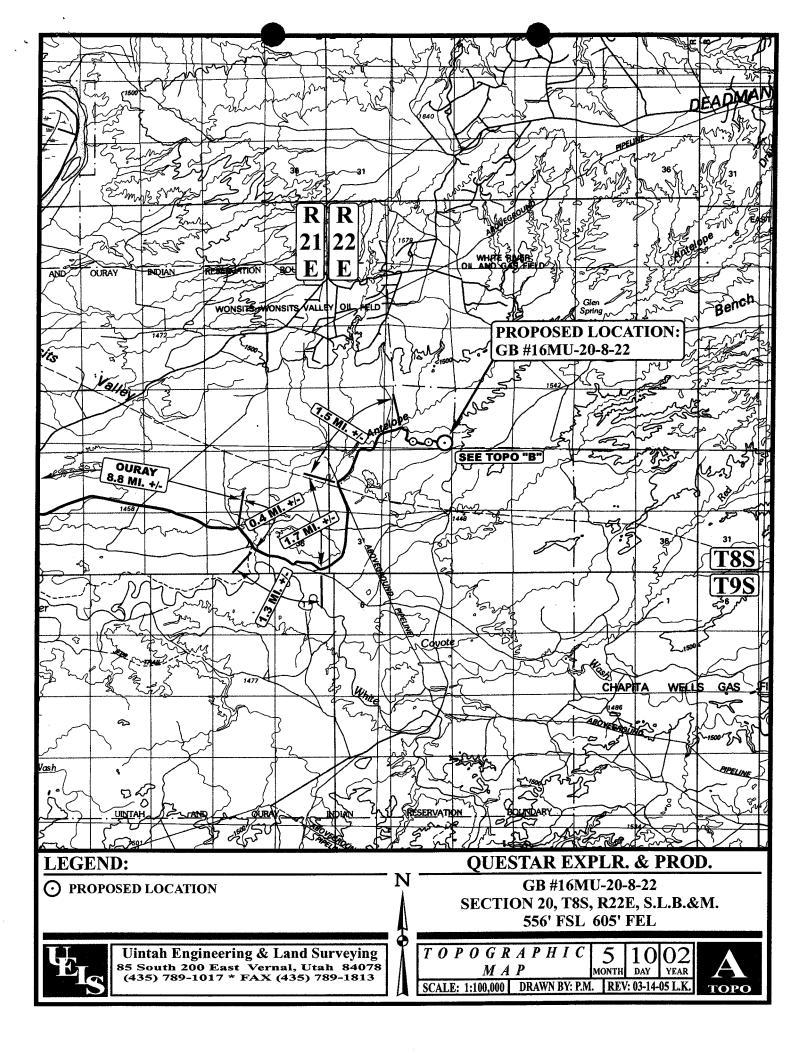
5 10 02 MONTH DAY YEAR

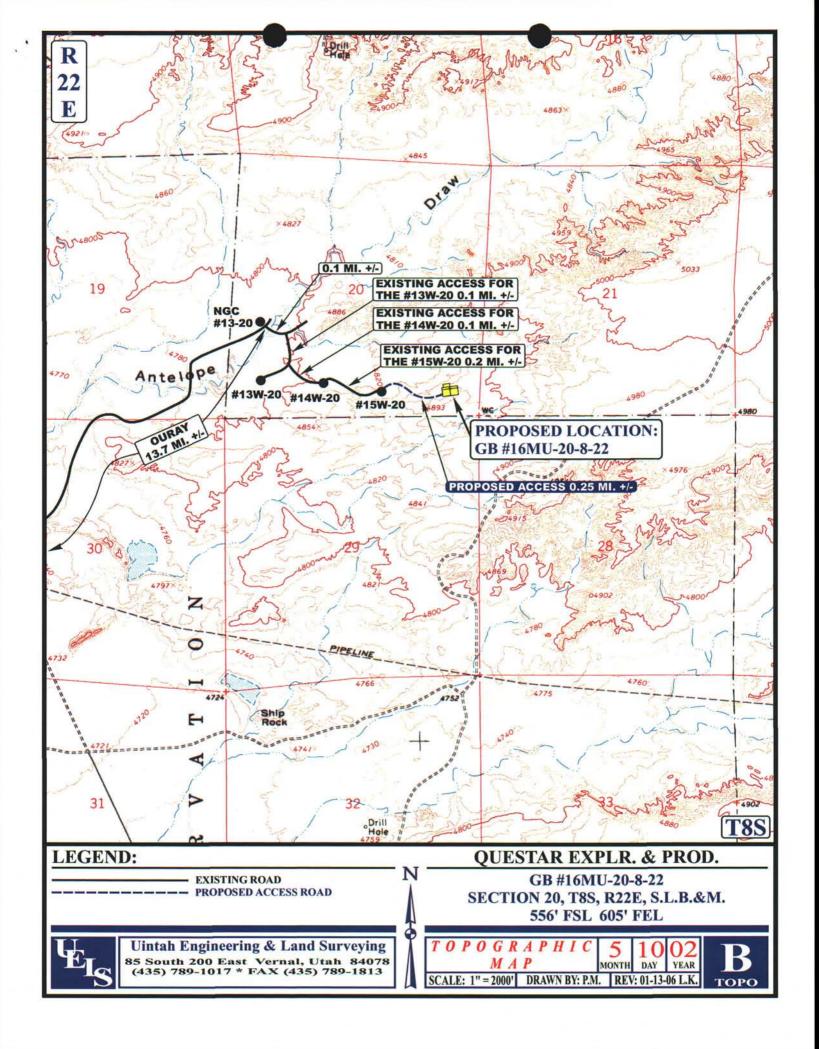
**РНОТО** 

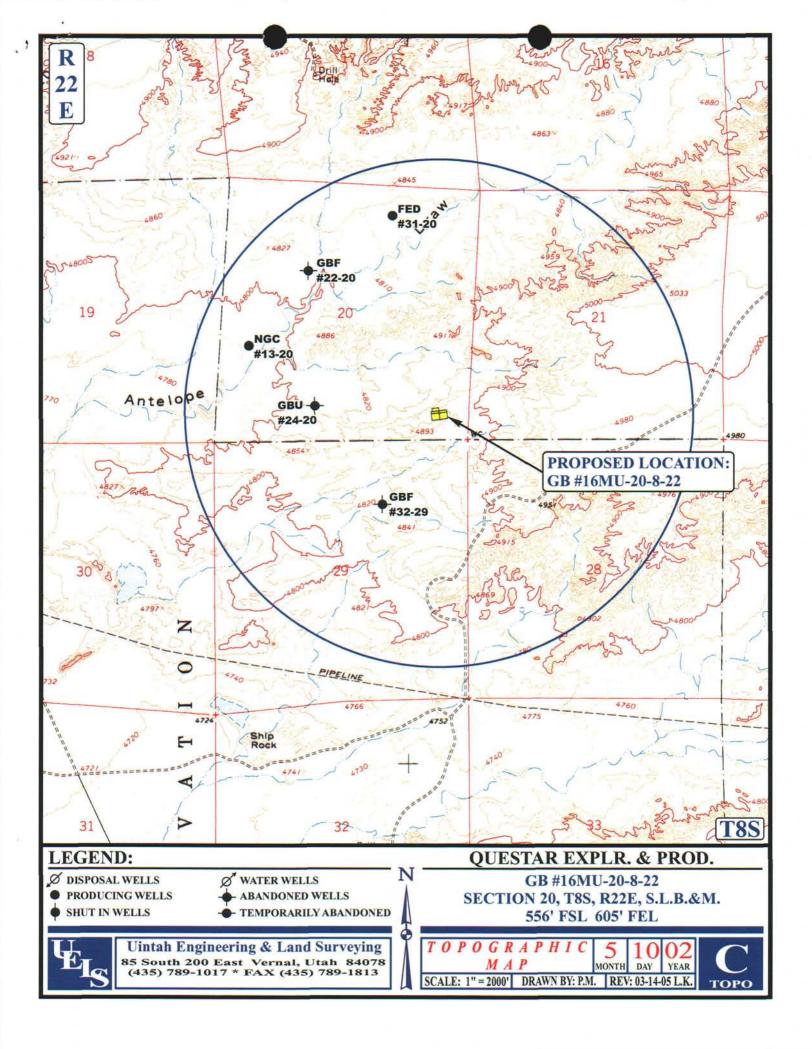
TAKEN BY: K.S. DRAWN BY: P.M. REV: 03-14-05 L.K.

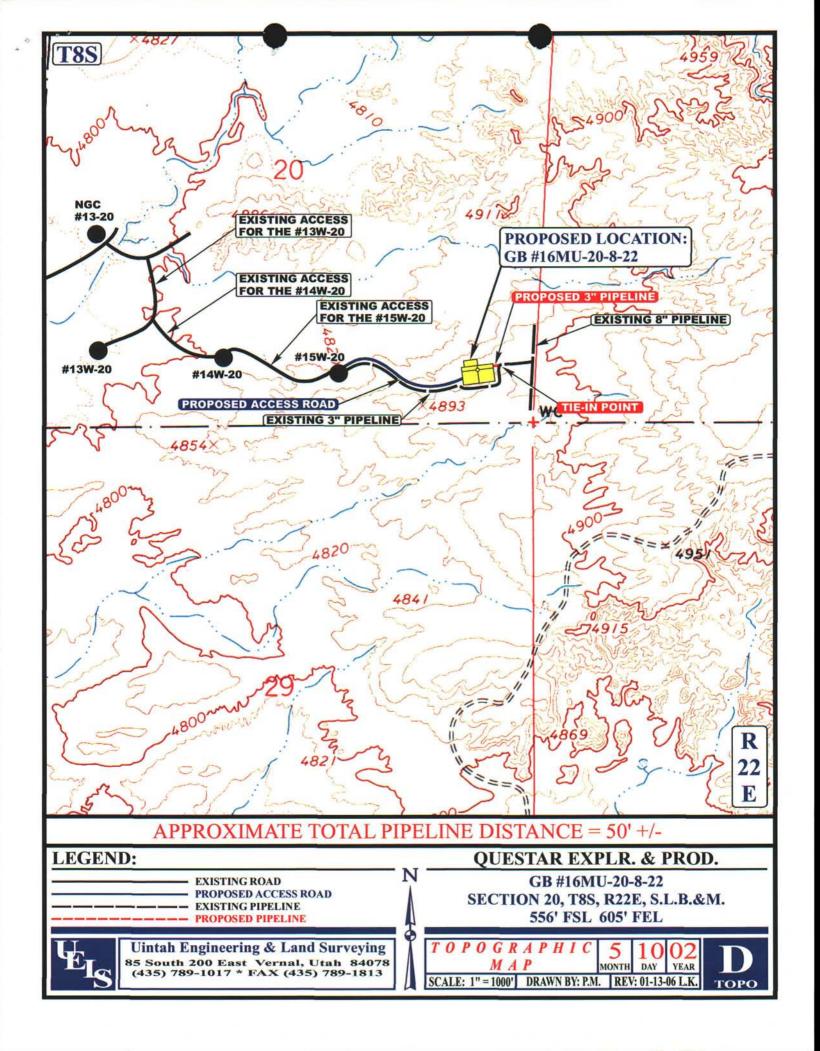




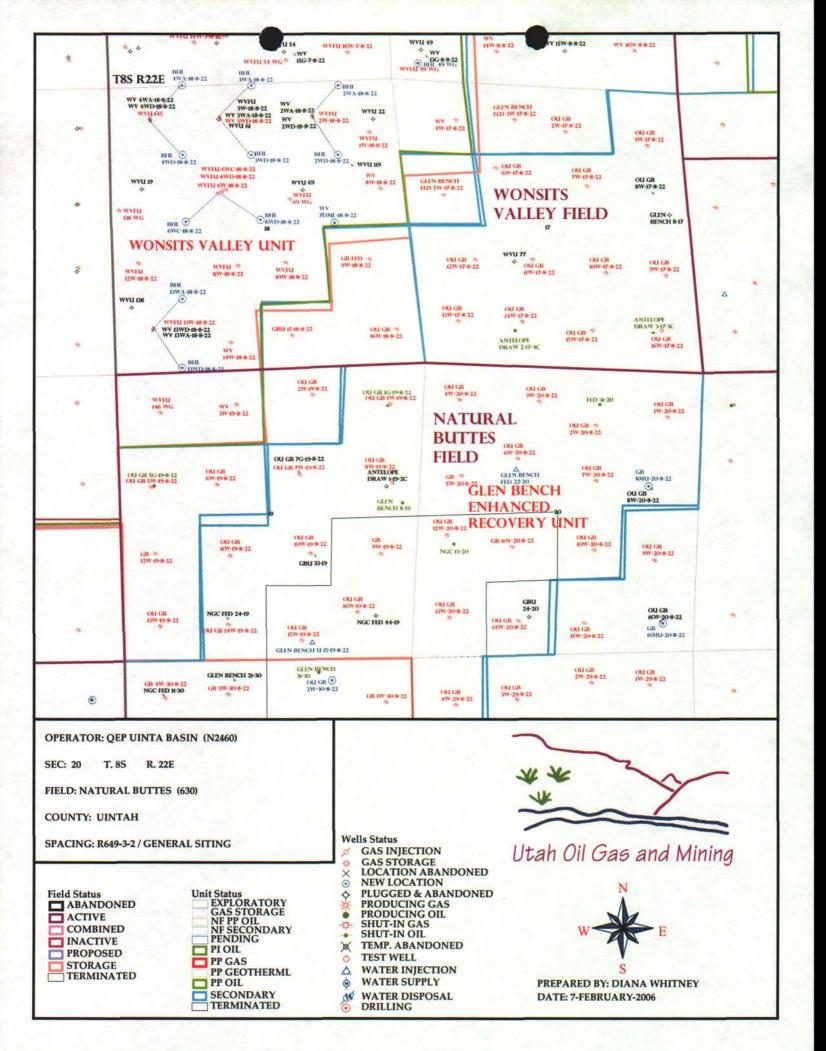








APD RECEIVED: 01/31/2006	API NO. ASSIGNED: 43-047-37664	
WELL NAME: GB 16MU-20-8-22		
OPERATOR: QEP UINTA BASIN, INC. ( N2460 )	PHONE NUMBER: 435-781-4331	
CONTACT: AL ARLIAN		
CONTACT: ALL ANDIAN		
PROPOSED LOCATION:	INSPECT LOCATN BY: / /	
SESE 20 080S 220E SURFACE: 0556 FSL 0605 FEL	Tech Review Initials Date	
BOTTOM: 0556 FSL 0605 FEL	Engineering	
COUNTY: UINTAH	Geology	
LATITUDE: 40.10336 LONGITUDE: -109.4559 UTM SURF EASTINGS: 631610 NORTHINGS: 4440161	Surface	
FIELD NAME: NATURAL BUTTES ( 630 )		_
30 ,		
LEASE TYPE: 1 - Federal		
LEASE NUMBER: UTU-74493	PROPOSED FORMATION: MVRD	
SURFACE OWNER: 1 - Federal	COALBED METHANE WELL? NO	
RECEIVED AND/OR REVIEWED:	LOCATION AND SITING:	
Plat	R649-2-3.	
✓ Bond: Fed[1] Ind[] Sta[] Fee[]	The date	
(No. ESB000024 )	Unit:	
N Potash (Y/N)	√ R649-3-2. General	
N Oil Shale 190-5 (B) or 190-3 or 190-13	Siting: 460 From Qtr/Qtr & 920' Between Well	s
✓ Water Permit	R649-3-3. Exception	
(No. <u>43-8496</u> )	Drilling Unit	
NDCC Review (Y/N)	Board Cause No:	
(Date:)	Eff Date:	
Fee Surf Agreement (Y/N)	Siting:	
NIM Intent to Commingle (Y/N)	R649-3-11. Directional Drill	
\$2.0		
COMMENTS: Sop, Seperat Flu		_
		_
		_
STIPULATIONS: 1- Course Office		_
- Stately Sil	<u> </u>	_
		_





State of Utah

Department of **Natural Resources** 

MICHAEL R. STYLER **Executive Director** 

Division of Oil, Gas & Mining

> JOHN R. BAZA Division Director

JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > February 8, 2006

OEP Uinta Basin, Inc. 11002 E 17500 S Vernal, UT 84078

Re:

Glen Bench 16MU-20-8-22 Well, 556' FSL, 605' FEL, SE SE, Sec. 20,

T. 8 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37664.

Sincerely,

Gil Hunt

Associate Director

AUZL+

pab **Enclosures** 

cc:

**Uintah County Assessor** 

Bureau of Land Management, Vernal District Office

Operator:	QEP Uinta Basin	, Inc.	
Well Name & Number	Glen Bench 16M	U-20-8-22	
API Number:	43-047-37664		
Lease:	UTU-74493		
Location: SE SE	<b>Sec.</b> 20	T. 8 South	R. 22 East

# **Conditions of Approval**

### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

# 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

# 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.



Form 3160-3 (July 1992)

# **UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT**



FORM APPROVED

OMB NO. 1040-0136 Expires: February 28, 1995

-	distant in	
5:°1	EASI	E DESIGNATION AND SERIAL NO
W.		HTU-74493

		1,500	6. IF INDIAN, ALLOTTEE (					
APPLICATION FOR PERMIT	TO DRILL O	R DEEPEN " LAUU	N/A					
TYPE OF WORK		DIAMITTALA	7. UNIT AGREEMENT NAM					
DRILL⊡	DEEPEN□	BLM VERNAL, U	TAH N/A					
TYPE OF WELL		,	8. FARM OR LEASE NAME	, WELL NO.				
OIL WELL GAS WELL OTHER ZONE	ZONE		GB 16MU-	-20-8-22				
OIL WELL GAS WELL OTHER ZONE  2. NAME OF OPERATOR	Contact: Jan Ne	Ison	9. API WELL NO.					
QEP Uinta Basin, Inc.		an.nelson@questar.com	43-047-3	7664				
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11002 E. 17500 S. Vernal, Ut 84078		781-4331 Fax 435-781-4329	NATURAL	BUTTES				
4. LOCATION OF WELL (Report location clearly and i	n accordance wit	h and State requirements*)	11. SEC.,T, R, M, OR BLK	& SURVEY OR AREA				
At Surface 556' FSL 605' FEL, SI	ESE. SECTION 20	), T8S, R22E	SESE, SECTION	20, T8S, R22E				
At proposed production zone SAME	•							
14. DISTANCE IN MILES FROM NEAREST TOWN OR	POSTOFFICE*	·	12. COUNTY OR PARISH	13. STATE				
14 +/- MILES FROM			UINTAH	UT				
15. DISTANCE FROM PROPOSED LOCATION TO NE		16.NO.OF ACRES IN LEASE	17. NO. OF ACRES ASSIG	NED TO THIS WELL				
PROPERTY OR LEASE LINE, FT.								
(also to nearest drig,unit line if any)		864.42	40					
556'+/-								
18.DISTANCE FROM PROPOSED location to nearest	well, drilling,	19. PROPOSED DEPTH	20. BLM/BIA Bond No. on file ESB000024					
completed, applied for, on this lease, ft		10775'	E3B000024					
2000՝ +/-								
21. ELEVATIONS (Show whether DF, RT, GR, ect.)			23. Estimated duration					
4878.2' GR		ASAP	10 DAYS					
24. Attachments								
The following, completed in accordance with the requ	uirments of Onsh	ore Oil and Gas Order No. 1. sha	all be attached to this form	:				
		4. Bond to cover the operations unles	s covered by an exisiting bond of	on file (see				
Well plat certified by a registered surveyor.     A Drilling Plan		Item 20 above).						
A surface Use Plan ( if location is on National Forest System	Lands,	5. Operator certification.						
the SUPO shall be filed with the appropriate Forest Service C		Such other site specific information	and/or plans as may be require	d by the				
,,,,,		authorized officer.						
0 /-24								
SIGNED FAM Y LUSON	Name (Printed)	Jan Nelson	Date 1-29-06					
<del>// / / / / / / / / / / / / / / / / / /</del>								
TITLE Regulatory Affairs	_		REC	EIVED				
(This space for Federal or State office use)			MOM	0 7 2006				
			MUA	U 1 2000				
PERMIT NO.	APPROV	AL DATE	DOLOCOII	CAS & MINING				
PERMIT NO.  Application approval does not warrant or certify the applicant holds any legal or equitable.	e title to those rights in the s	ubject lease which would entitle the applicant to condi	uct operations thereon DIV, OF OIL	ערוים מי אווייוויים				
CONDITIONS OF APPROVAL, IF ANY:	Agai	stant Field Manager						
1 1	l ande	& Mineral Resources	D 4 TO	E 10 =12 =2 = 10				
APPROVED BY Jan Januah	TITLE LANCE	All saids telegraphs and management and an	DA 11	E 10-13-2006				

\*See Instructions On Reverse Side Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

United States any false, fictal our complete the the three three presentations as to any mater within its jurisdiction

Utah Division of

Oil, Gas and Mining ECH DECOSD ONLY

UDO6M



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



# CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

OEP Uintah Basin, Inc.

170 South 500 East

Location:

**SESE, Sec 20, T8S, R22E** 

Well No:

GB 16MU-20-8-22

Lease No: U7

UTU-74493

API No:

43-047-37664

Agreement: N/A

Cell: 435-828-4470 Office: 435-781-4490 Matt Baker Petroleum Engineer: Office: 435-781-4432 Cell: 435-828-7875 Michael Lee Petroleum Engineer: Cell: 435-828-3913 Office: 435-781-4502 Jamie Sparger Supervisory Petroleum Technician: Cell: 435-828-4029 Office: 435-781-4475 Paul Buhler **Environmental Scientist:** 

Environmental Scientist: Natural Resource Specialist: Natural Resource Specialist: Natural Resource Specialist: Karl Wright Holly Villa Melissa Hawk Office: 435-781-4484 Office: 435-781-4404 Office: 435-781-4476

Scott Ackerman

Office: 435-781-4476 Office: 435-781-4437

After Hours Contact Number: 435-781-4513

Fax: 435-781-4410

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

# NOTIFICATION REQUIREMENTS

Location Construction (Notify Karl Wright)

Forty-Eight (48) hours prior to construction of location and access roads.

Location Completion (Notify Karl Wright)

Prior to moving on the drilling rig.

Spud Notice

(Notify Petroleum Engineer)

Twenty-Four (24) hours prior to spudding the well.

Casing String & Cementing (Notify Jamie Sparger)

Twenty-Four (24) hours prior to running casing and cementing all casing strings.

BOP & Related Equipment Tests (Notify Jamie Sparger)

Twenty-Four (24) hours prior to initiating pressure tests.

First Production Notice (Notify Petroleum Engineer)

Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90)

COAs: Page 2 of 6 Well: GB 16MU-20-8-22

# SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

1. The buried pipeline exception request has been received. It has been determined that the pipeline route has bedrock exposed at the surface. The exception is granted for a surface pipeline.

COAs: Page 3 of 6 Well: GB 16MU-20-8-22

# DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

# SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

# DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.</u>
- 4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

- 5. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- 6. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30

COAs: Page 4 of 6 Well: GB 16MU-20-8-22

days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

A cement bond log (CBL) will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

COAs: Page 5 of 6 Well: GB 16MU-20-8-22

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

- 10. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- 11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
- 13. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than

COAs: Page 6 of 6 Well: GB 16MU-20-8-22

Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

# Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

1. DJJ 2. CDW

Change of Operator (Well Sold)			X - Opera	ntor Nam	e Change/Me	rger	2. CD 11		
	ged, effective	e:	X - Operator Name Change/Merger 1/1/2007						
FROM: (Old Operator): N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265		TO: ( New Operator): N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265							
Phone: 1 (303) 672-6900			Phone: 1 (303)	672-6900					
CA No.			Unit:						
	SEC TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS		
SEE ATTACHED LISTS			*						
Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation wa 2. (R649-8-10) Sundry or legal documentation wa 3. The new company was checked on the <b>Departs</b> 4a. Is the new operator registered in the State of U	s received fi s received fi nent of Con Itah:	rom the	NEW operator e, Division of Co	on: orporations	4/19/2007 4/16/2007 s Database on: 764611-0143		1/31/2005		
•			n/a	_					
				-					
7. Federal and Indian Units:									
8. Federal and Indian Communization Ag	reements (	"CA"	):	•	4/23/2007				
•••				oved UIC F	orm 5, Transfer	of Auth	ority to		
Inject, for the enhanced/secondary recovery un DATA ENTRY:	it/project for	r the wa	ater disposal wel	ll(s) listed o	n:		-		
<ol> <li>Changes have been entered on the Monthly Op</li> <li>Bond information entered in RBDMS on:</li> <li>Fee/State wells attached to bond in RBDMS on</li> <li>Injection Projects to new operator in RBDMS on</li> <li>Receipt of Acceptance of Drilling Procedures for</li> </ol>	erator Cha : on:	•	read Sheet on: 4/30/2007 and 4/30/2007 and	5/15/2007 5/15/2007	4/30/2007 and 5	5/15/200°	7		
			ESB000034						
2. Indian well(s) covered by Bond Number:	e well(s) list	ted cov	799446	- - umber	965003033				
TO: ( New Operator):   No.   No.									
The operator of the well(s) listed below has changed, effective:    TO: (New Operator):									
		ntacted	l and informed b	y a letter fr	om the Division				
<del>-</del>				· .	-				
		CHANG	GED AS REQU	JESTED					

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
FEDERAL 2-29-7-22	FEDERAL 2-29-7-22	NESW	29	070S	220E	4304715423	5266	Federal	GW	S
UTAH FED D-1	UTAH FED D-1	SWSW	14	070S	240E	4304715936	10699	Federal	GW	S
UTAH FED D-2	UTAH FED D-2	NESW	25	070S	240E	4304715937	9295	Federal	GW	S
PRINCE 1	PRINCE 1	SWSW	10	070S	240E	4304716199	7035	Federal	GW	P
UTAH FED D-4	UTAH FED D-4	SWSE	14	070S	240E	4304731215	9297	Federal	GW	S
FZ BB 1	BRENNAN FZ-BB1	NESE	20	070S	210E	4304731805	10952	Federal	GW	TA
EAST COYOTE FED 14-4-8-25	EAST COYOTE FED 14-4-8-25	SESW	04	080S	250E	4304732493	11630	Federal	OW	P
F S PRINCE 4	PRINCE 4	SWSW	03	070S	240E	4304732677	7035	Federal	OW	P
GYPSUM HILLS 21	GH 21 WG	SWSW	21	080S	210E	4304732692	11819	Federal	GW	P
SAGE GROUSE FED 6-14-8-22	OU SG 6 14 8 22	SENW	14	080S	220E	4304732746		Federal	GW	P
GYPSUM HILLS 22WG	GH 22 WG	SWNW	22	080S	210E	4304732818		Federal	GW	P
SAGE GROUSE 12A-14-8-22	SAGE GROUSE 12A-14-8-22	NWSW	14	080S	220E	4304733177	-	Federal	GW	S
OU GB 12W-20-8-22	OU GB 12W-20-8-22	NWSW	20	080S	220E	4304733249	1	Federal	GW	P
GBU 15-18-8-22	OU GB 15 18 8 22	SWSE	18	080S	220E	4304733364		Federal	GW	P
GLEN BENCH FED 3W-17-8-22	OU GB 3W 17 8 22	NENW	17	080S	220E	4304733513		Federal	GW	P
GLEN BENCH FED 5W-17-8-22	OU GB 5W 17 8 22	SWNW	17	080S	220E	4304733514		Federal	GW	P
WV FED 9W-8-8-22	WV 9W 8 8 22	NESE	08	080S	220E	4304733515	-	Federal	GW	P
GB FED 9W-18-8-22	OU GB 9W 18 8 22	NESE	18	080S	220E	4304733516	And the second	Federal	GW	P
OU GB 3W-20-8-22	OU GB 3W-20-8-22	NENW	20	080S	220E	4304733526		Federal	GW	P
GLEN BENCH 12W-30-8-22	OU GB 12W 30 8 22	NWSW	30	080S	220E	4304733670	3	Federal	GW	P
WVFU 10W-8-8-22	WV 10W 8 8 22	NWSE	08	080S	220E	4304733814		Federal	GW	P
GH 7W-21-8-21	GH 7W-21-8-21	SWNE	21	080S	210E	4304733845		Federal	GW	P
GH 9W-21-8-21	GH 9W-21-8-21	NESE	21	080S	210E	4304733846		Federal	GW	P
GH 11W-21-8-21	GH 11W-21-8-21	NESW	21	080S	210E	4304733847	100	Federal	GW	P
GH 15W-21-8-21	GH 15W-21-8-21	SWSE	21	080S	210E	4304733848		Federal	GW	P
WV 7W-22-8-21	WV 7W-22-8-21	SWNE	22	080S	210E	4304733907		Federal	GW	P
WV 9W-23-8-21	WV 9W-23-8-21	NESE	23	080S	210E	4304733909		Federal	GW	P
GHU 14W-20-8-21	GH 14W 20 8 21	SESW	20	080S	210E	4304733915		Federal	GW	P
GB 4W-30-8-22	OU GB 4W 30 8 22	NWNW	30	080S	220E	4304733945		Federal	GW	P
GB 9W-19-8-22	OU GB 9W 19 8 22	NESE	19	080S	220E	4304733946		Federal	GW	P
GB 10W-30-8-22	OU GB 10W 30 8 22	NWSE	30	080S	220E	4304733947		Federal	GW	P
GB 12W-19-8-22	OU GB 12W 19 8 22	NWSW	19	080S	220E	4304733948			GW	P
GB 9W-25-8-21	GB 9W-25-8-21	NESE	25	080S	210E	4304733960		Federal	GW	P
WV 1W-5-8-22	SU 1W 5 8 22	NENE	05	080S	220E	4304733985	-	Federal	GW	P
WV 3W-5-8-22	SU 3W 5 8 22	NENW	05	0805	220E	4304733987		Federal	OW	S
WV 7W-5-8-22	SU 7W 5 8 22	SWNE	05	080S	220E	4304733988		Federal	GW	P
WV 9W-5-8-22	SU 9W 5 8 22	NESE	05	080S	220E	4304733990		Federal	GW	P
WV 11W-5-8-22	SU 11W 5 8 22	NESW	05	080S	220E	4304733992		Federal	GW	S
WV 13W-5-8-22	SU 13W 5 8 22	SWSW	05	080S	220E	4304733994		Federal	GW	S
WV 15W-5-8-22	SU 15W 5 8 22	SWSE	05	080S	220E	4304733996		Federal	GW	P
WV 8W-8-8-22	WV 8W-8-8-22	SENE	08	080S	220E	4304734005		Federal	GW	P
WV 14W-8-8-22	WV 14W-8-8-22	SESW	08	080S	220E	4304734007		Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
OU GB 6W-20-8-22	OU GB 6W-20-8-22	SENW	20	080S	220E	4304734018	13518	Federal	GW	P
GB 5W-30-8-22	OU GB 5W 30 8 22	SWNW	30	080S	220E	4304734025		Federal	GW	P
GB 11W-20-8-22	OU GB 11W 20 8 22	NESW	-20	080S	220E	4304734039		Federal	GW	P
OU GB 4W-20-8-22	OU GB 4W-20-8-22	NWNW	20	080S	220E	4304734043		Federal	GW	P
GH 5W-21-8-21	GH 5W-21-8-21	SWNW	21	080S	210E	4304734147	13387	Federal	GW	P
GH 6W-21-8-21	GH 6W-21-8-21	SENW	21	080S	210E	4304734148		Federal	GW	P
GH 8W-21-8-21	GH 8W-21-8-21	SENE	21	080S	210E	4304734149		Federal	GW	P
GH 10W-20-8-21	GH 10W-20-8-21	NWSE	20	080S	210E	4304734151	13328	Federal	GW	P
GH 10W-21-8-21	GH 10W-21-8-21	NWSE	21	080S	210E	4304734152		Federal	GW	P
GH 12W-21-8-21	GH 12W-21-8-21	NWSW	21	080S	210E	4304734153	-	Federal	GW	P
GH 14W-21-8-21	GH 14W-21-8-21	SESW	21	080S	210E	4304734154	12.10.10.10.10.10.10.10.10.10.10.10.10.10.	Federal	GW	P
GH 16W-21-8-21	GH 16W-21-8-21	SESE	21	080S	210E	4304734157		Federal	GW	P
GB 5W-20-8-22	OU GB 5W 20 8 22	SWNW	20	080S	220E	4304734209		Federal	GW	P
WV 6W-22-8-21	WV 6W-22-8-21	SENW	22	080S	210E	4304734272		Federal	GW	P
GH 1W-20-8-21	GH 1W-20-8-21	NENE	20	080S	210E	4304734327		Federal	GW	P
GH 2W-20-8-21	GH 2W-20-8-21	NWNE	20	080S	210E	4304734328		Federal	GW	P
GH 3W-20-8-21	GH 3W-20-8-21	NENW	20	080S	210E	4304734329		Federal	GW	P
GH 7W-20-8-21	GH 7W-20-8-21	SWNE	20	080S	210E	4304734332		Federal	GW	P
GH 9W-20-8-21	GH 9W-20-8-21	NESE	20	080S	210E	4304734333		Federal	GW	P
GH 11W-20-8-21	GH 11W-20-8-21	NESW	20	080S	210E	4304734334		Federal	GW	P
GH 15W-20-8-21	GH 15W-20-8-21	SWSE	20	080S	210E	4304734335		Federal	GW	P
GH 16W-20-8-21	GH 16W-20-8-21	SESE	20	080S	210E	4304734336		Federal	GW	P
WV 12W-23-8-21	WV 12W-23-8-21	NWSW	23	080S	210E	4304734343		Federal	GW	P
OU GB 13W-20-8-22	OU GB 13W-20-8-22	SWSW	20	080S	220E	4304734348		Federal	GW	P
OU GB 14W-20-8-22	OU GB 14W-20-8-22	SESW	20	080S	220E	4304734349		Federal	GW	P
OU GB 11W-29-8-22	OU GB 11W-29-8-22	NESW	29	080S	220E	4304734350		Federal	GW	P
WV 11G-5-8-22	WVX 11G 5 8 22	NESW	05	080S	220E	4304734388		Federal	OW	P
WV 13G-5-8-22	WVX 13G 5 8 22	SWSW	05	080S	220E	4304734389		Federal	OW	P
WV 15G-5-8-22	WVX 15G 5 8 22	SWSE	05	080S	220E	4304734390		Federal	OW	P
SU BRENNAN W 15W-18-7-22	SU BRENNAN W 15W-18-7-22	SWSE	18	070S	220E	4304734403		Federal	GW	TA
STIRRUP U 16W-5-8-22	SU 16W 5 8 22	SESE	05	080S	220E	4304734446		Federal	GW	P
STIRRUP U 2W-5-8-22	SU 2W 5 8 22	NWNE	05	080S	220E	4304734455		Federal	GW	P
WV 10W-5-8-22	SU 10W 5 8 22	NWSE	05	080S	220E	4304734456		Federal	GW	P
WV 16W-8-8-22	WV 16W-8-8-22	SESE	08	080S	220E	4304734470	10000	Federal	GW	P
GB 16WX-30-8-22	OU GB 16WX 30 8 22	SESE	30	080S	220E	4304734506		Federal	GW	P
OU GB 1W-19-8-22	OU GB 1W-19-8-22	NENE	19	080S	220E	4304734512		Federal	GW	P
OU GB 2W-19-8-22	OU GB 2W-19-8-22	NWNE	19	080S	220E	4304734513		Federal	GW	P
OU GB 5W-19-8-22	OU GB 5W-19-8-22	SWNW	19	080S	220E	4304734514		Federal	GW	P
OU GB 7W-19-8-22	OU GB 7W-19-8-22	SWNE	19	080S	220E	4304734515		Federal	GW	P
OU GB 8W-19-8-22	OU GB 8W-19-8-22	SENE	19	080S	220E	4304734516		Federal	GW	P
OU GB 11W-19-8-22	OU GB 11W-19-8-22	NESW	19	080S	220E	4304734517		Federal	GW	P
OU GB 16W-19-8-22	OU GB 16W-19-8-22	SESE	19	080S	220E	4304734517		Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GB 1W-30-8-22	OU GB 1W 30 8 22	NENE	30	080S	220E	4304734528	13487	Federal	GW	P
GB 3W-30-8-22	OU GB 3W 30 8 22	NENW	30	080S	220E	4304734529	13493	Federal	GW	P
GB 6W-30-8-22	OU GB 6W 30 8 22	SENW	30	080S	220E	4304734530	13519	Federal	GW	P
GB 7W-30-8-22	OU GB 7W 30 8 22	SWNE	30	080S	220E	4304734531	13494	Federal	GW	P
GB 8W-30-8-22	OU GB 8W 30 8 22	SENE	30	080S	220E	4304734532	13483	Federal	GW	P
GB 9W-30-8-22	OU GB 9W 30 8 22	NESE	30	080S	220E	4304734533	13500	Federal	GW	P
OU GB 6W-19-8-22	OU GB 6W-19-8-22	SENW	19	080S	220E	4304734534	13475	Federal	GW	P
OU GB 10W-19-8-22	OU GB 10W-19-8-22	NWSE	19	080S	220E	4304734535	13479	Federal	GW	P
OU GB 13W-19-8-22	OU GB 13W-19-8-22	SWSW	19	080S	220E	4304734536	13478	Federal	GW	P
OU GB 14W-19-8-22	OU GB 14W-19-8-22	SESW	19	080S	220E	4304734537	13484	Federal	GW	P
OU GB 15W-19-8-22	OU GB 15W-19-8-22	SWSE	19	080S	220E	4304734538	13482	Federal	GW	P
OU GB 12W-17-8-22	OU GB 12W-17-8-22	NWSW	17	080S	220E	4304734542	13543	Federal	GW	P
OU GB 6W-17-8-22	OU GB 6W-17-8-22	SENW	17	080S	220E	4304734543	13536	Federal	GW	P
OU GB 13W-17-8-22	OU GB 13W-17-8-22	SWSW	17	080S	220E	4304734544	13547	Federal	GW	P
OU GB 6W-29-8-22	OU GB 6W-29-8-22	SENW	29	080S	220E	4304734545	13535	Federal	GW	P
OU GB 3W-29-8-22	OU GB 3W-29-8-22	NENW	29	080S	220E	4304734546	13509	Federal	GW	P
OU GB 13W-29-8-22	OU GB 13W-29-8-22	SWSW	29	080S	220E	4304734547	13506	Federal	GW	P
OU GB 4W-29-8-22	OU GB 4W-29-8-22	NWNW	29	080S	220E	4304734548	13534	Federal	GW	P
OU GB 5W-29-8-22	OU GB 5W-29-8-22	SWNW	29	080S	220E	4304734549	13505	Federal	GW	P
OU GB 14W-17-8-22	OU GB 14W-17-8-22	SESW	17	080S	220E	4304734550	13550	Federal	GW	P
OU GB 11W-17-8-22	OU GB 11W-17-8-22	NESW	17	080S	220E	4304734553	13671	Federal	GW	P
OU GB 14W-29-8-22	OU GB 14W-29-8-22	SESW	29	080S	220E	4304734554	13528	Federal	GW	P
OU GB 2W-17-8-22	OU GB 2W-17-8-22	NWNE	17	080S	220E	4304734559	13539	Federal	GW	P
OU GB 7W-17-8-22	OU GB 7W-17-8-22	SWNE	17	080S	220E	4304734560	13599	Federal	GW	P
OU GB 16W-18-8-22	OU GB 16W-18-8-22	SESE	18	080S	220E	4304734563	13559	Federal	GW	P
OU GB 1W-29-8-22	OU GB 1W-29-8-22	NENE	29	080S	220E	4304734573	13562	Federal	GW	P
OU GB 7W-29-8-22	OU GB 7W-29-8-22	SWNE	29	080S	220E	4304734574	13564	Federal	GW	P
OU GB 8W-29-8-22	OU GB 8W-29-8-22	SENE	29	080S	220E	4304734575	13609	Federal	GW	S
OU GB 9W-29-8-22	OU GB 9W-29-8-22	NESE	29	080S	220E	4304734576	13551	Federal	GW	P
OU GB 10W-29-8-22	OU GB 10W-29-8-22	NWSE	29	080S	220E	4304734577	13594	Federal	GW	P
OU GB 15W-29-8-22	OU GB 15W-29-8-22	SWSE	29	080S	220E	4304734578	13569	Federal	GW	P
OU GB 2W-20-8-22	OU GB 2W-20-8-22	NWNE	20	080S	220E	4304734599	13664	Federal	GW	P
OU GB 2W-29-8-22	OU GB 2W-29-8-22	NWNE	29	080S	220E	4304734600	13691	Federal	GW	P
OU GB 15W-17-8-22	OU GB 15W-17-8-22	SWSE	17	080S	220E	4304734601	13632	Federal	GW	P
OU GB 16W-17-8-22	OU GB 16W-17-8-22	SESE	17	080S	220E	4304734602	13639	Federal	GW	P
OU GB 16W-29-8-22	OU GB 16W-29-8-22	SESE	29	080S	220E	4304734603	13610	Federal	GW	P
OU GB 1W-20-8-22	OU GB 1W-20-8-22	NENE	20	080S	220E	4304734604	13612	Federal	GW	P
OU GB 1W-17-8-22	OU GB 1W-17-8-22	NENE	17	080S	220E	4304734623	13701	Federal	GW	P
OU GB 9W-17-8-22	OU GB 9W-17-8-22	NESE	17	080S	220E	4304734624	13663	Federal	GW	P
OU GB 10W-17-8-22	OU GB 10W-17-8-22	NWSE	17	080S	220E	4304734625	13684	Federal	GW	P
OU GB 9W-20-8-22	OU GB 9W-20-8-22	NESE	20	080S	220E	4304734630	13637	Federal	GW	P
OU GB 10W-20-8-22	OU GB 10W-20-8-22	NWSE	20	080S	220E	4304734631	13682	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
OU GB 15W-20-8-22	OU GB 15W-20-8-22	SWSE	20	080S	220E	4304734632	13613	Federal	GW	P
WIH 15MU-21-8-22	OU WIH 15MU 21 8 22	SWSE.	21	080S	220E	4304734634		Federal	GW	P
OU WIH 13W-21-8-22	OU WIH 13W-21-8-22	SWSW	21	080S	220E	4304734646		Federal	GW	P
OU GB 11W-15-8-22	OU GB 11W-15-8-22	NESW	15	080S	220E	4304734648		Federal	GW	P
OU GB 13W-9-8-22	OU GB 13W-9-8-22	SWSW	09	080S	220E	4304734654		Federal	GW	P
OU WIH 14W-21-8-22	OU WIH 14W-21-8-22	SESW	21	080S	220E	4304734664		Federal	GW	P
OU GB 12WX-29-8-22	OU GB 12WX-29-8-22	NWSW	29	080S	220E	4304734668		Federal	GW	P
OU WIH 10W-21-8-22	OU WIH 10W-21-8-22	NWSE	21	080S	220E	4304734681		Federal	GW	P
OU GB 4G-21-8-22	OU GB 4G-21-8-22	NWNW	21	080S	220E	4304734685	_	Federal	OW	P
OU GB 3W-21-8-22	OU GB 3W-21-8-22	NENW	21	080S	220E	4304734686		Federal	GW	P
OU GB 16SG-30-8-22	OU GB 16SG-30-8-22	SESE	30	080S	220E	4304734688		Federal	GW	S
OU WIH 7W-21-8-22	OU WIH 7W-21-8-22	SWNE	21	080S	220E	4304734689		Federal	GW	P
OU GB 5W-21-8-22	OU GB 5W-21-8-22	SWNW	21	080S	220E	4304734690		Federal	GW	P
WIH 1MU-21-8-22	WIH 1MU-21-8-22	NENE	21	080S	220E	4304734693		Federal	GW	P
OU GB 5G-19-8-22	OU GB 5G-19-8-22	SWNW	19	080S	220E	4304734695			OW	P
OU GB 7W-20-8-22	OU GB 7W-20-8-22	SWNE	20	080S	220E	4304734705		Federal	GW	P
OU SG 14W-15-8-22	OU SG 14W-15-8-22	SESW	15	080S	220E	4304734710	13821	Federal	GW	P
OU SG 15W-15-8-22	OU SG 15W-15-8-22	SWSE	15	080S	220E	4304734711		Federal	GW	P
OU SG 16W-15-8-22	OU SG 16W-15-8-22	SESE	15	080S	220E	4304734712		Federal	GW	P
OU SG 4W-15-8-22	OU SG 4W-15-8-22	NWNW	15	080S	220E	4304734713	177	1704	GW	P
OU SG 12W-15-8-22	OU SG 12W-15-8-22	NWSW	15	080S	220E	4304734714		Federal	GW	P
OU GB 5MU-15-8-22	OU GB 5MU-15-8-22	SWNW	15	080S	220E	4304734715		Federal	GW	P
OU SG 8W-15-8-22	OU SG 8W-15-8-22	SENE	15	080S	220E	4304734717	_	Federal	GW	P
OU SG 9W-15-8-22	OU SG 9W-15-8-22	NESE	15	080S	220E	4304734718		Federal	GW	P
OU SG 10W-15-8-22	OU SG 10W-15-8-22	NWSE	15	080S	220E	4304734719		Federal	GW	P
OU SG 2MU-15-8-22	OU SG 2MU-15-8-22	NWNE	15	080S	220E	4304734721			GW	P
OU SG 7W-15-8-22	OU SG 7W-15-8-22	SWNE	15	080S	220E	4304734722		Federal	GW	P
OU GB 14SG-29-8-22	OU GB 14SG-29-8-22	SESW	29	080S	220E	4304734743	14034	Federal	GW	P
OU GB 16SG-29-8-22	OU GB 16SG-29-8-22	SESE	29	080S	220E	4304734744	13771	Federal	GW	P
OU GB 13W-10-8-22	OU GB 13W-10-8-22	SWSW	10	080S	220E	4304734754	13774	Federal	GW	P
OU GB 6MU-21-8-22	OU GB 6MU-21-8-22	SENW	21	080S	220E	4304734755	14012	Federal	GW	P
OU SG 10W-10-8-22	OU SG 10W-10-8-22	NWSE	10	080S	220E	4304734764		Federal	GW	P
OU GB 14M-10-8-22	OU GB 14M-10-8-22	SESW	10	080S	220E	4304734768		Federal	GW	P
OU SG 9W-10-8-22	OU SG 9W-10-8-22	NESE	10	080S	220E	4304734783		Federal	GW	P
OU SG 16W-10-8-22	OU SG 16W-10-8-22	SESE	10	080S	220E	4304734784		Federal	GW	P
GB 3M-27-8-21	GB 3M-27-8-21	NENW	27	080S	210E	4304734900	14614	Federal	GW	P
WVX 11D-22-8-21	WVX 11D-22-8-21	NESW	22	080S	210E	4304734902		Federal	GW	DRL
GB 11M-27-8-21	GB 11M-27-8-21	NESW	27	080S	210E	4304734952		Federal	GW	P
GB 9D-27-8-21	GB 9D-27-8-21	NESE	27	080S	210E	4304734956		Federal	GW	DRL
GB 1D-27-8-21	GB 1D-27-8-21	NENE	27	080S	210E	4304734957		Federal	GW	DRL
WRU EIH 2M-35-8-22	WRU EIH 2M-35-8-22	NWNE	35	080S	220E	4304735052		Federal	GW	P
GYPSUM HILLS 12MU-20-8-21	GH 12MU 20 8 21	NWSW	20	080S	210E	4304735069		Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
OU SG 4W-11-8-22	OU SG 4W-11-8-22	NWNW	11	080S	220E	4304735071	14814	Federal	GW	DRL
OU SG 5W-11-8-22	OU SG 5W-11-8-22	SWNW	11	080S	220E	4304735072	14815	Federal	GW	DRL
OU SG 6W-11-8-22	SG 6ML 11 8 22	SENW	11	080S	220E	4304735073	14825	Federal	GW	P
OU SG 5MU-14-8-22	OU SG 5MU-14-8-22	SWNW	14	080S	220E	4304735076	-	Federal	GW	P
OU SG 6MU-14-8-22	OU SG 6MU-14-8-22	SENW	14	080S	220E	4304735077	14128	Federal	GW	P
SG 12MU-14-8-22	SG 12MU-14-8-22	NWSW	14	080S	220E	4304735078		Federal	GW	P
OU SG 13MU-14-8-22	OU SG 13MU-14-8-22	SWSW	14	080S	220E	4304735079		Federal	GW	P
OU SG 9MU-11-8-22	OU SG 9MU-11-8-22	NESE	11	080S	220E	4304735091	13967	Federal	GW	P
SG 11SG-23-8-22	SG 11SG-23-8-22	NESW	23	080S	220E	4304735099	13901	Federal	GW	S
OU SG 14W-11-8-22	OU SG 14W-11-8-22	SESW	11	080S	220E	4304735114	-	Federal	GW	DRL
SG 5MU-23-8-22	SG 5MU-23-8-22	SWNW	23	080S	220E	4304735115		Federal	GW	Р
SG 6MU-23-8-22	SG 6MU-23-8-22	SENW	23	080S	220E	4304735116		Federal	GW	P
SG 14MU-23-8-22	SG 14MU-23-8-22	SESW	23	080S	220E	4304735117		Federal	GW	P
SG 13MU-23-8-22	SG 13MU-23-8-22	SWSW	23	080S	220E	4304735190		Federal	GW	P
WH 7G-10-7-24	WH 7G-10-7-24	SWNE	10	070S	240E	4304735241		Federal	GW	P
GB 4D-28-8-21	GB 4D-28-8-21	NWNW	28	080S	210E	4304735246		Federal	GW	P
GB 7M-28-8-21	GB 7M-28-8-21	SWNE	28	080S	210E	4304735247		Federal	GW	P
GB 14M-28-8-21	GB 14M-28-8-21	SESW	28	080S	210E	4304735248		Federal	GW	P
SG 11MU-23-8-22	SG 11MU-23-8-22	NESW	23	080S	220E	4304735257	111111111111111111111111111111111111111	Federal	GW	P
SG 15MU-14-8-22	SG 15MU-14-8-22	SWSE	14	080S	220E	4304735328		Federal	GW	P
EIHX 14MU-25-8-22	EIHX 14MU-25-8-22	SESW	25	080S	220E	4304735330		Federal	GW	P
EIHX 11MU-25-8-22	EIHX 11MU-25-8-22	NESW	25	080S	220E	4304735331		Federal	GW	P
NBE 12ML-10-9-23	NBE 12ML-10-9-23	NWSW	10	090S	230E	4304735333	TOTAL CONTRACTOR OF THE PARTY O	Federal	GW	P
NBE 13ML-17-9-23	NBE 13ML-17-9-23	SWSW	17	090S	230E	4304735334	14000	Federal	GW	P
NBE 4ML-26-9-23	NBE 4ML-26-9-23	NWNW	26	090S	230E	4304735335	14215	Federal	GW	P
SG 7MU-11-8-22	SG 7MU-11-8-22	SWNE	11	080S	220E	4304735374		Federal	GW	P
SG 1MU-11-8-22	SG 1MU-11-8-22	NENE	11	080S	220E	4304735375	14279	Federal	GW	P
OU SG 13W-11-8-22	OU SG 13W-11-8-22	SWSW	11	080S	220E	4304735377		Federal	GW	DRL
SG 3MU-11-8-22	SG 3MU-11-8-22	NENW	11	080S	220E	4304735379	-	Federal	GW	P
SG 8MU-11-8-22	SG 8MU-11-8-22	SENE	11	080S	220E	4304735380		Federal	GW	P
SG 2MU-11-8-22	SG 2MU-11-8-22	NWNE	11	080S	220E	4304735381		Federal	GW	P
SG 10MU-11-8-22	SG 10MU-11-8-22	NWSE	11	080S	220E	4304735382		Federal	GW	P
OU GB 8MU-10-8-22	OU GB 8MU-10-8-22	SENE	10	080S	220E	4304735422		Federal	GW	DRL
EIHX 2MU-25-8-22	EIHX 2MU-25-8-22	NWNE	25		220E	4304735427	-	Federal	GW	р
EIHX 1MU-25-8-22	EIHX 1MU-25-8-22	NENE	25	080S	220E	4304735428		Federal	GW	P
EIHX 7MU-25-8-22	EIHX 7MU-25-8-22	SWNE	25	080S	220E	4304735429		Federal	GW	P
EIHX 8MU-25-8-22	EIHX 8MU-25-8-22	SENE	25	080S	220E	4304735430		Federal	GW	P
EIHX 9MU-25-8-22	EIHX 9MU-25-8-22	NESE	25	080S	220E	4304735433		Federal	GW	P
EIHX 16MU-25-8-22	EIHX 16MU-25-8-22	SESE	25	080S	220E	4304735434		Federal	GW	P
EIHX 15MU-25-8-22	EIHX 15MU-25-8-22	SWSE	25	080S	220E	4304735435		Federal	GW	P
	EIHX 10MU-25-8-22	NWSE	25	080S	220E	4304735436		Federal	GW	P
EIHX 10MU-25-8-22				1 1 1 1 1 1 1 1 1	4401				LALVV	1.0

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
NBE 15M-17-9-23	NBE 15M-17-9-23	SWSE	17	090S	230E	4304735463	14423	Federal	GW	P
NBE 7ML-17-9-23	NBE 7ML-17-9-23	SWNE	17	090S	230E	4304735464		Federal	GW	P
NBE 3ML-17-9-23	NBE 3ML-17-9-23	NENW	17	090S	230E	4304735465		Federal	GW	P
NBE 11M-17-9-23	NBE 11M-17-9-23	NESW	17	090S	230E	4304735466		Federal	GW	P
NBE 10ML-10-9-23	NBE 10ML-10-9-23	NWSE	10	090S	230E	4304735650		Federal	GW	P
NBE 6ML-10-9-23	NBE 6ML-10-9-23	SENW	10	090S	230E	4304735651		Federal	GW	P
NBE 12ML-17-9-23	NBE 12ML-17-9-23	NWSW	17	090S	230E	4304735652		Federal	GW	P
NBE 6ML-26-9-23	NBE 6ML-26-9-23	SENW	26	090S	230E	4304735664		Federal	GW	P
NBE 11ML-26-9-23	NBE 11ML-26-9-23	NESW	26	090S	230E	4304735665		Federal	GW	P
NBE 15ML-26-9-23	NBE 15ML-26-9-23	SWSE	26	090S	230E	4304735666		Federal	GW	P
SG 4MU-23-8-22	SG 4MU-23-8-22	NWNW	23	080S	220E	4304735758		Federal	GW	P
RWS 8ML-14-9-24	RWS 8ML-14-9-24	SENE	14	090S	240E	4304735803		Federal	GW	S
SG 11MU-14-8-22	SG 11MU-14-8-22	NESW	14	080S	220E	4304735829	14486	Federal	GW	P
RB DS FED 1G-7-10-18	RB DS FED 1G-7-10-18	NENE	07	100S	180E	4304735932		Federal	OW	S
RB DS FED 14G-8-10-18	RB DS FED 14G-8-10-18	SESW	08	100S	180E	4304735933		Federal	OW	P
OU SG 14MU-14-8-22	OU SG 14MU-14-8-22	SESW	14	080S	220E	4304735950		Federal	GW	P
COY 10ML-14-8-24	COY 10ML-14-8-24	NWSE	14	080S	240E	4304736038	2	Federal	GW	APD
COY 12ML-24-8-24	COY 12ML-24-8-24	NWSW	24	080S	240E	4304736039	14592	Federal	OW	P
WIH 1AMU-21-8-22	WIH 1AMU-21-8-22	NENE	21	080S	220E	4304736060		Federal	GW	P
NBE 4ML-10-9-23	NBE 4ML-10-9-23	NWNW	10	090S	230E	4304736098		Federal	GW	P
NBE 8ML-10-9-23	NBE 8ML-10-9-23	SENE	10	090S	230E	4304736099		Federal	GW	P
NBE 16ML-10-9-23	NBE 16ML-10-9-23	SESE	10	090S	230E	4304736100		Federal	GW	P
NBE 8ML-12-9-23	NBE 8ML-12-9-23	SENE	12	090S	230E	4304736143		Federal	GW	DRL
WH 12G-11-7-24	WH 12G-11-7-24	NWSW	11	070S	240E	4304736195		Federal	GW	APD
HC 16M-6-7-22	HC 16M-6-7-22	SESE	06	070S	220E	4304736197		Federal	GW	APD
HC 14M-6-7-22	HC 14M-6-7-22	SESW	06	070S	220E	4304736198	!	Federal	GW	APD
WWT 8ML-25-8-24	WWT 8ML-25-8-24	SENE	25	080S	240E	4304736199		Federal	GW	APD
GB 16D-28-8-21	GB 16D-28-8-21	SESE	28	080S	210E	4304736260	14981	Federal	GW	P
WH 7G-3-7-24	WH 7G-3-7-24	SWNE	03	070S	240E	4304736347	1,100	Federal	GW	APD
NBE 5ML-10-9-23	NBE 5ML-10-9-23	SWNW	10	090S	230E	4304736353	15227	Federal	GW	P
NBE 7ML-10-9-23	NBE 7ML-10-9-23	SWNE	10	090S	230E	4304736355		Federal	GW	DRL
NBE 3ML-10-9-23	NBE 3ML-10-9-23	NENW	10	090S	230E	4304736356		Federal	GW	P
WH 4G-10-7-24	WH 4G-10-7-24	NWNW	10	070S	240E	4304736359	13373	Federal	GW	APD
EIHX 4MU-36-8-22	EIHX 4MU-36-8-22	NWNW	36	080S	220E	4304736444	14875	Federal	GW	P
EIHX 3MU-36-8-22	EIHX 3MU-36-8-22	NENW	36	080S	220E	4304736445		Federal	GW	P
EIHX 2MU-36-8-22	EIHX 2MU-36-8-22	NWNE	36	080S	220E	4304736446		Federal	GW	P
EIHX 1MU-36-8-22	EIHX 1MU-36-8-22	NENE	36	080S	220E	4304736447		Federal	GW	P
WWT 2ML-24-8-24	WWT 2ML-24-8-24	NWNE	24	080S	240E	4304736515	17001	Federal	GW	APD
RWS 1ML-1-9-24	RWS 1ML-1-9-24	NENE	01	090S	240E	4304736517		Federal	GW	APD
RWS 3ML-1-9-24	RWS 3ML-1-9-24	NENW	01	090S	240E	4304736518		Federal	GW	APD
RWS 9ML-1-9-24	RWS 9ML-1-9-24	NESE	01	090S	240E	4304736519		Federal	GW	
RWS 15ML-1-9-24	RWS 15ML-1-9-24	SWSE	01	090S	240E	4304736521		Federal	GW	APD APD

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
BSW 1ML-12-9-24	BSW 1ML-12-9-24	NENE	12	090S	240E	4304736522		Federal	GW	APD
BSW 11ML-13-9-24	BSW 11ML-13-9-24	NESW	13	090S	240E	4304736523		Federal	GW	APD
NBE 7ML-26-9-23	NBE 7ML-26-9-23	SWNE	26	090S	230E	4304736587	16008	Federal	GW	DRL
NBE 8ML-26-9-23	NBE 8ML-26-9-23	SENE	26	090S	230E	4304736588		Federal	GW	P
NBE 1ML-26-9-23	NBE 1ML-26-9-23	NENE	26	090S	230E	4304736589	-	Federal	GW	DRL
NBE 2ML-26-9-23	NBE 2ML-26-9-23	NWNE	26	090S	230E	4304736590		Federal	GW	DRL
NBE 3ML-26-9-23	NBE 3ML-26-9-23	NENW	26	090S	230E	4304736591		Federal	GW	DRL
NBE 5ML-26-9-23	NBE 5ML-26-9-23	SWNW	26	090S	230E	4304736592	15839	Federal	GW	DRL
NBE 9ML-10-9-23	NBE 9ML-10-9-23	NESE	10	090S	230E	4304736593	15438	Federal	GW	P
NBE 11ML-10-9-23	NBE 11ML-10-9-23	NESW	10	090S	230E	4304736594		Federal	GW	P
NBE 15ML-10-9-23	NBE 15ML-10-9-23	SWSE	10	090S	230E	4304736595	15439	Federal	GW	P
NBE 1ML-12-9-23	NBE 1ML-12-9-23	NENE	12	090S	230E	4304736613		Federal	GW	APD
NBE 2ML-17-9-23	NBE 2ML-17-9-23	NWNE	17	090S	230E	4304736614	15126	Federal	GW	P
NBE 4ML-17-9-23	NBE 4ML-17-9-23	NWNW	17	090S	230E	4304736615		Federal	GW	P
NBE 6ML-17-9-23	NBE 6ML-17-9-23	SENW	17	090S	230E	4304736616	_	Federal	GW	P
NBE 10ML-17-9-23	NBE 10ML-17-9-23	NWSE	17	090S	230E	4304736617	15128	Federal	GW	P
NBE 14ML-17-9-23	NBE 14ML-17-9-23	SESW	17	090S	230E	4304736618	15088		GW	P
NBE 9ML-26-9-23	NBE 9ML-26-9-23	NESE	26	090S	230E	4304736619	15322		GW	P
NBE 10D-26-9-23	NBE 10D-26-9-23	NWSE	26	090S	230E	4304736620		Federal	GW	DRL
NBE 12ML-26-9-23	NBE 12ML-26-9-23	NWSW	26	090S	230E	4304736621		Federal	GW	DRL
NBE 13ML-26-9-23	NBE 13ML-26-9-23	SWSW	26	090S	230E	4304736622		Federal	GW	P
NBE 14ML-26-9-23	NBE 14ML-26-9-23	SESW	26	090S	230E	4304736623		Federal	GW	P
NBE 16ML-26-9-23	NBE 16ML-26-9-23	SESE	26	090S	230E	4304736624		Federal	GW	P
RWS 13ML-14-9-24	RWS 13ML-14-9-24	SWSW	14	090S	240E	4304736737		Federal	GW	APD
RWS 12ML-14-9-24	RWS 12ML-14-9-24	NWSW	14	090S	240E	4304736738		Federal	GW	APD
SG 3MU-23-8-22	SG 3MU-23-8-22	SESW	14	080S	220E	4304736940	15100	Federal	GW	P
NBE 5ML-17-9-23	NBE 5ML-17-9-23	SWNW	17	090S	230E	4304736941		Federal	GW	P
WWT 2ML-25-8-24	WWT 2ML-25-8-24	NWNE	25	080S	240E	4304737301		Federal	GW	APD
WWT 1ML-25-8-24	WWT 1ML-25-8-24	NENE	25	080S	240E	4304737302		Federal	GW	APD
HK 15ML-19-8-25	HK 15ML-19-8-25	SWSE	19	080S	250E	4304737303		Federal	GW	APD
WT 13ML-19-8-25	WT 13ML-19-8-25	SWSW	19	080S	250E	4304737304		Federal	GW	APD
HK 3ML-29-8-25	HK 3ML-29-8-25	NENW	29	080S	250E	4304737305		Federal	GW	APD
HK 5ML-29-8-25	HK 5ML-29-8-25	SWNW	29	080S	250E	4304737330		Federal	GW	APD
HK 2ML-30-8-25	HK 2ML-30-8-25	NWNE	30	080S	250E	4304737331		Federal	GW	APD
HK 5ML-30-8-25	HK 5ML-30-8-25	SWNW	30	080S	250E	4304737332		Federal	GW	APD
HK 10ML-30-8-25	HK 10ML-30-8-25	NWSE	30	080S	250E	4304737333		Federal	GW	APD
HK 14ML-30-8-25	HK 14ML-30-8-25	SESW	30	080S	250E	4304737334		Federal	GW	APD
HK 6ML-30-8-25	HK 6ML-30-8-25	SENW	30	080S	250E	4304737348		Federal	GW	APD
HK 8ML-30-8-25	HK 8ML-30-8-25	SENE	30	080S	250E	4304737349		Federal	GW	APD
WWT 7ML-25-8-24	WWT 7ML-25-8-24	SWNE	25	080S	240E	4304737407		Federal	GW	APD
WWT 9ML-25-8-24	WWT 9ML-25-8-24	NESE	25	080S	240E	4304737408		Federal	GW	APD
WWT 10ML-25-8-24	WWT 10ML-25-8-24	NWSE	25	080S	240E	4304737409		Federal	GW	APD

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WWT 15ML-25-8-24	WWT 15ML-25-8-24	SWSE	25	080S	240E	4304737410		Federal	GW	APD
BBS 15G-22-7-21	BBS 15G-22-7-21	SWSE	22	070S	210E	4304737443	15688	Federal	OW	P
WWT 15ML-13-8-24	WWT 15ML-13-8-24	SWSE	13	080S	240E	4304737524		Federal	GW	APD
WWT 16ML-13-8-24	WWT 16ML-13-8-24	SESE	13	080S	240E	4304737525		Federal	GW	APD
COY 6ML-23-8-24	COY 6ML-23-8-24	SENW	23	080S	240E	4304737526		Federal	GW	APD
NBZ 8ML-23-8-24	NBZ 8ML-23-8-24	SENE	23	080S	240E	4304737527		Federal	GW	APD
COY 9ML-23-8-24	COY 9ML-23-8-24	NESE	23	080S	240E	4304737528		Federal	GW	APD
NBZ 15ML-23-8-24	NBZ 15ML-23-8-24	SWSE	23	080S	240E	4304737529		Federal	GW	APD
COY 16ML-23-8-24	COY 16ML-23-8-24	SESE	23	080S	240E	4304737530		Federal	GW	APD
COY 5ML-24-8-24	COY 5ML-24-8-24	SWNW	24	080S	240E	4304737531		Federal	GW	APD
COY 6ML-24-8-24	COY 6ML-24-8-24	SENW	24	080S	240E	4304737532		Federal	GW	APD
COY 6ML-21-8-24	COY 6ML-21-8-24	SENW	21	080S	240E	4304737584		Federal	GW	APD
COY 4ML-21-8-24	COY 4ML-21-8-24	NWNW	21	080S	240E	4304737585		Federal	GW	APD
COY 14ML-21-8-24	COY 14ML-21-8-24	SESW	21	080S	240E	4304737586		Federal	GW	APD
COY 15ML-21-8-24	COY 15ML-21-8-24	SWSE	21	080S	240E	4304737587		Federal	GW	NEW
WWT 1ML-24-8-24	WWT 1ML-24-8-24	NENE	24	080S	240E	4304737590		Federal	GW	APD
RWS 13ML-23-9-24	RWS 13ML-23-9-24	swsw	23	090S	240E	4304737591		Federal	GW	APD
WWT 8ML-24-8-24	WWT 8ML-24-8-24	SENE	24	080S	240E	4304737640		Federal	GW	APD
GB 16ML-20-8-22	GB 16ML-20-8-22	SESE	20	080S	220E	4304737664	15948	Federal	GW	DRL
NBZ 1ML-29-8-24	NBZ 1ML-29-8-24	NENE	29	080S	240E	4304737666		Federal	GW	APD
WWT 16ML-24-8-24	WWT 16ML-24-8-24	SESE	24	080S	240E	4304737930		Federal	GW	APD
WWT 15ML-24-8-24	WWT 15ML-24-8-24	SWSE	24	080S	240E	4304737931		Federal	GW	APD
COY 14ML-24-8-24	COY 14ML-24-8-24	SESW	24	080S	240E	4304737932		Federal	GW	APD
COY 13ML-24-8-24	COY 13ML-24-8-24	SWSW	24	080S	240E	4304737933		Federal	GW	APD
COY 11ML-24-8-24	COY 11ML-24-8-24	NESW	24	080S	240E	4304737934		Federal	GW	APD
COY 15ML-14-8-24	COY 15ML-14-8-24	SWSE	14	080S	240E	4304737935		Federal	GW	APD
COY 14ML-14-8-24	COY 14ML-14-8-24	SESW	14	080S	240E	4304737936		Federal	GW	APD
COY 12ML-14-8-24	COY 12ML-14-8-24	NWSW	14	080S	240E	4304737937		Federal	GW	APD
COY 11ML-14-8-24	COY 11ML-14-8-24	NESW	14	080S	240E	4304737938		Federal	GW	APD
WVX 8ML-5-8-22	WVX 8ML-5-8-22	SENE	05	080S	220E	4304738140		Federal	GW	APD
WVX 6ML-5-8-22	WVX 6ML-5-8-22	SENW	05	080S	220E	4304738141		Federal	GW	APD
BBS 5G-23-7-21	BBS 5G-23-7-21	SWNW	23	070S	210E	4304738471		Federal	OW	APD
GB 12SG-29-8-22	GB 12SG-29-8-22	NWSW	29	080S	220E	4304738766		Federal	GW	APD
GB 10SG-30-8-22	GB 10SG-30-8-22	NWSE	30	080S	220E	4304738767		Federal	GW	APD
NBE 12SWD-10-9-23	NBE 12SWD-10-9-23	NWSW	10	090S	230E	4304738875		Federal	WD	APD
OP 16MU-3-7-20	OP 16MU-3-7-20	SESE	03	070S	200E	4304738944		Federal	OW	APD
WF 1P-1-15-19	WF 1P-1-15-19	NWNW	06	150S	200E	4304736781	14862	Indian	GW	S

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

	DIVISION OF OIL, GAS AND M	INING		5. LEASE DESIGNA See attache	TION AND SERIAL NUMBER:
CUMPD	V NOTICES AND BEDORT	O ON WEL	1.0		TTEE OR TRIBE NAME:
SUNDR	Y NOTICES AND REPORT	S ON WEL	LS	see attache	d
Do not use this form for proposals to dril	new wells, significantly deepen existing wells below cu laterals. Use APPLICATION FOR PERMIT TO DRILL	rrent bottom-hole dep	th, reenter plugged wells, or to	7. UNIT of CA AGR see attache	
1. TYPE OF WELL		form for such proposa	ls.	8. WELL NAME and	
OIL WELI	GAS WELL OTHER			see attache	
2. NAME OF OPERATOR	ON AND PRODUCTION COMPA	VIV.		9. API NUMBER:	
3. ADDRESS OF OPERATOR:	ON AND PRODUCTION COMPAI	N I	PHONE NUMBER:	attached  10. FIELD AND PO	DL OR WILDCAT
1050 17th Street Suite 500 C	TY Denver STATE CO	80265	(303) 308-3068	10. FILLE AND FO	SE, ON WILDOM!
4. LOCATION OF WELL					
FOOTAGES AT SURFACE: attac	ned			COUNTY: Uinta	ıh
QTR/QTR, SECTION, TOWNSHIP, RA	NGE, MERIDIAN:			STATE:	UTAH
11. CHECK APP	ROPRIATE BOXES TO INDICAT	TE NATURE (	OF NOTICE PEROF		D DATA
TYPE OF SUBMISSION	1		PE OF ACTION	VI, ON OTTIE	IN DATA
	ACIDIZE	DEEPEN	TE OF ACTION	REPERFOR	ATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT	=	( TO REPAIR WELL
Approximate date work will start;	CASING REPAIR	NEW CONS	TRUCTION	TEMPORAF	RILY ABANDON
1/1/2007	CHANGE TO PREVIOUS PLANS	OPERATOR	CHANGE	TUBING RE	PAIR
	CHANGE TUBING	PLUG AND A	BANDON	VENT OR F	LARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK		WATER DIS	POSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTIO	N (START/RESUME)	WATER SH	UT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATI	ON OF WELL SITE	OTHER: C	perator Name
	CONVERT WELL TYPE	RECOMPLET	E - DIFFERENT FORMATION		hange
12. DESCRIBE PROPOSED OR C	OMPLETED OPERATIONS. Clearly show all p	ertinent details inc	luding dates, depths, volume	s. etc.	<del></del>
Effective January 1, 2007 AND PRODUCTION COI change of operator is invo on the attached list. All o Federal Bond Number: 9 Utah State Bond Number: Current operator of record attached list. Successor operator of record	operator of record, QEP Uinta Bay MPANY. This name change involved. The same employees will operations will continue to be cove 65002976 (BLM Reference No. E: 965003033 965003033 dt, QEP UINTA BASIN, INC., here word, QUESTAR EXPLORATION or of the properties as described of Jay	by resigns as  Neese, E  Neese, E  Neese, E	hereafter be known aternal corporate nane responsible for open numbers:  operator of the properator of	as QUESTAR ne change and rations of the erties as described ent, QEP Uint hereby assur	d no third party properties described cribed on the
NAME (PLEASE PRINT) Debra K. SIGNATURE	Stanberry	TITLE	3/16/2007	atory Affairs	
GIGNATURE A	Jan Jan Lang	DATE	011012001		

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APR 1 9 2007

#### FORM 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL GAS AND MINING

D	VISION OF OIL, GAS AND M	INING	[	5. LEASE DESIGNATION AND SERIAL NUMBER: See attached
SUNDRY	NOTICES AND REPORT	S ON WEL	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
	wells, significantly deepen existing wells below cu als Use APPLICATION FOR PERMIT TO DRILL	rrent bottom-hole dep form for such proposi	th, reenter plugged wells, or to als.	7. UNIT OF CA AGREEMENT NAME: See attached
1 TYPE OF WELL OIL WELL	GAS WELL OTHER			8. WELL NAME and NUMBER: See attached
2. NAME OF OPERATOR:				9. API NUMBER:
QUESTAR EXPLORATION  3 ADDRESS OF OPERATOR:	AND PRODUCTION COMPAI	VY		attached
	Denver STATE CO ZIE	80265	PHONE NUMBER: (303) 308-3068	10. FIELD AND POOL, OR WILDCAT:
4 LOCATION OF WELL	JIMIC CH		<u> </u>	
FOOTAGES AT SURFACE: attached				соинту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE	MERIDIAN:			STATE: UTAH
11. CHECK APPRO	PRIATE BOXES TO INDICAT	E NATURE	OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		Т	YPE OF ACTION	· · · · · · · · · · · · · · · · · · ·
NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE	TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	☐ NEW CONS	TRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR	CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND	ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK		WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTIO	ON (START/RESUME)	WATER SHUT-OFF
1	COMMINGLE PRODUCING FORMATIONS	RECLAMATI	ON OF WELL SITE	✓ other: Well Name Changes
	CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION	
PER THE ATTACHED LIST	PLETED OPERATIONS. Clearly show all p OF WELLS, QUESTAR EXPL BE UPDATED IN YOUR REC	ORATION AI		s, etc. OMPANY REQUESTS THAT THE
NAME (PLEASE PRINT) Debra K. Sta	proferry 1	TITLE	Supervisor, Regula	atory Affairs
SIGNATURE A	5 Sh. Sang	PAIE	4/17/2007	
This space for State use only)				

RECEIVED
APR 1 9 2007



### **United States Department of the Interior**



# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO: 3100 (UT-922)

January 23, 2008

Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Name Change Approval

Attached is a certified copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the merger from the Eastern States state office. We have updated our records to reflect the name change in the attached list of leases.

The name change from QEP Uinta Basin, Inc. into Questar Exploration and Production Co. is effective May 1, 2007, which is a correction to the effective dated stated in the decision letter. For verification of effective date, please refer to the name change certificate from the State of Texas.

/s/ Leslie Wilcken

Leslie Wilcken Land Law Examiner Branch of Fluid Minerals

cc:

**MMS** 

State of Utah, DOGM,

bcc:

Dave Mascarenas

Susan Bauman Connie Seare

JAN 2 8 2008

OW COLLEGE CONTRACTOR

Form 3160-5 (November 1994)

#### UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires July 31, 1996

BURE	AU OF LAND MANAGEMEN	ľ	5. Lease Seriai N	NO.
SUNDRY NO	TICES AND REPORTS ON	WELLS	UTU-744	493
Do not use this fo	rm for proposals to drill	or reenter an	6. If Indian, Allo	ottee or Tribe Name
abandoned well. Us	se Form 3160-3 (APD) for su	uch proposals.		
	•		N/A	l i
			7. If Unit or CA/A	greement, Name and/or No.
SUBMIT IN TRIPLICA	TE - Other Instructions	s on reverse side		1
Type of Well			N/A	\
Oil Well <b>X</b> Gas Well	Other		8. Well Name at	
2. Name of Operator	Outer		GB 16MU	I-20-8-22
•	Contact: Jan Nels	son	9. API Well No.	
QEP Uinta Basin, Inc.  3a. Address	3b.		43-047	-37664
		35-781 <b>-4</b> 032		ol, or Exploratory Area
1571 East 1700 South  4. Location of Well (Footage, Sec., T., R., M., of		35-701-4032	_	L BUTTES
			11. County or Pa	
556' FSL 605' FEL, SESE, Section	20, 163, R22E		Tr. County of Ta	,
			UINTAH	
12. CHECK APPROPRIATE BOX(ES) TO	DIDICATE MATURE OF NOT	TICE DEPORT OF OTHER DATA		
	TYPE OF ACTION	ICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION		Deschustion	(Start/Resume)	Water Shut-Off
Notice of Intent	Acidize		•	Well Integrity
<u>_</u>   <u> </u>	Alter Casing	Fracture Treat Reclamation		<del>_</del>
Subsequent Report	Casing Repair	New Construction Recomplet		X Other
<u> </u>	Change Plans		ly Abandon	NAME CHANGE
Final Abandonment Notice  13. Describe Proposed or Completed Operations	Convert to Injection	Plug Back Water Disp		
QEP Uinta Basin, Inc. proposes to o	hange the name of the Gi	3 16MU-20-8-22 to GB 16ML-2	:0-6-22.	
			REC	EIVED
			FEB	1 4 2007
			DIV. OF OIL.	GAS & MINING
14. Therefore considerable the formation in terrior d	correct			
<ol> <li>I hereby certify that the foregoing is true and Name (Printed/Typed)</li> </ol>	CONTOCT	Title		
Laura Bills		Regulatory Assistant	<del></del>	
Signature		Date		
Jama Bills		February 12, 2007		
	THIS SPACE FOR	FEDERAL OR STATE USE		
Approved by		Title		Date
,				
Conditions of approval, if any, are attached. Approval or that the applicant holds legal or equitable title to those rigentitle the applicant to conduct operations thereon.	ghts in the subject lease which would	Office		
Title 18 U.S.C. Section 1001, makes it a crime for any po	erson knowingly and willfully to make to	any department or agency of the United States a	ny false, fictitious or	
fraudulent statements or representations as to any matter	within its jurisdiction.			
(Instructions on reverse)				
1				ĺ

OPERATOR: ADDRESS:

QEP Uinta Basin, Inc. 1571 East 1700 South

1571 East 1700 South Vernal, Utah 84078-8526

(435)781-4300

#### **ENTITY ACTION FORM - FORM 6**

Action Code	Current Entity No.	New Entity No.	API Number	Well Name	QQ	SC	TP	RG	County	Spud Date	Effective Date
A	99999	15948	43-047-37664	GB 16MU 20 8 22	SESE	20	88	22E	Uintah	1/16/07	2/22/07
WELL 1	COMMENT	「S: ファレル	ed							CONFIDE	VTIAI
MELLO	001111717										ED 07
WELL 2	COMMENT	S:									PECEIVED F
											REC FEB 2
WELL 3	COMMENT	S:					·	· · · · · · · · · · · · · · · · · · ·	,	<del></del>	<u> </u>
WELL 4	COMMENT	S:						L			
WELL 5	COMMENT	S:					J	L	····	L	

ACTION CODES (See instructions on back of form)

A - Establish new entity for new well (single well only)

B - Add new well to existing entity (group or unit well)

C - Re-assign well from one existing entity to another existing entity

D - Re-assign well from one existing entity to a new entity

E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected

(3/89)

Oignature

Office Administrator II
Title

2/7/07 Date

Phone No. <u>(435)781-4342</u>



Form 3160-5 (June 1990)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Budget Bureau No. 100
Expires: March 31, 1

5. Lease Designation and Serial No.
UTU-74493

FORM APPROVED Budget Bureau No. 1004-0135

Do not use this form for proposals to drill or	to deepen or reentry to a different reservoir	010-/4493
	TON FOR PERMIT" for such proposals	6. If Indian, Allottee or Tribe Name
		N/A
SUBMIT IN TRIPLICA  1. Type of Well	TE - Amended Report on 1/15/07	7. If Unit or CA, Agreement Designation
Oil Gas		N/A
Well Well Other		8. Well Name and No.
		GB 16MU 20 8 22
Name of Operator		
QEP, UINTA BASIN, INC.	M	9. API Well No.
Address and Telephone No.  1571 EAST 1700 SOUTH - VERNAL, UT 84078	Contact: dahn.caldwell@questar.com	43-047-37664
Location of Well (Footage, Sec., T., R., M., or Survey Description)	435-781-4342 Fax 435-781-4357	10. Field and Pool, or Exploratory Area
556' FSL, 605' FEL, SESE, SEC 20-T85	2 D22F	NATURAL BUTTES  11. County or Parish, State
330 FSD, 003 FED, SEGE, SEC 20-108	5-R22E	UINTAH
2. CHECK APPROPRIATE B	OX(s) TO INDICATE NATURE OF NOTICE, I	REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF A	CTION
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Barret	H	
X Subsequent Report	Plugging Back	Non-Routine Fracturing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection
	X Other SPUD	Dispose Water
		(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Describe Proposed or Completed Operations (Clearly state all pertinent	details, and give pertinent dates, including estimated date of starting any proposed	
give subsurface locations and measured and true vertical depths for all r	narkers and zones pertinent to this work)	a new a discussional famous,
On 1/16/07 - Drilled 60' conductor hole.	Set 60' conductor pipe. Cmtd w/ Ready Mix	<b>.</b>
O- 1/5//07 D 11 1 10 1//m 1 1		
On 1/16/07 – Drilled 12-1/4? hole to 777	'KB. Ran 18_jts of 9-5/8", 36# csg to 750'KB	. Cmtd w/ 400 sxs of Class 'G' cmt.
		RECEIVED
		FEB 2 0 2007
3 - BLM, 2- Utah OG&M, 1 - Denver, 1 - file Wor	d file-server	DIV. OF OIL, GAS & MINING
	$\bigcap_{i \in \mathcal{A}} A_i$	OIL, GAS & MINING
I hereby certify that the foregoing is true and correct.		P
Dahn F. Caldwell	Office Administrator II	Date 2/7/07
his space for Federal or State office use)		
pproved by:	Title	Date
onditions of approval, if any	& Ko L.	
tle 18 U.S.C. Section 1001, makes it a crime for any person knowingl	y and till hab to make can rate pirture at bragency of the United States an	v false, fictitious or fraudulent statements or

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#### **Operations Summary Report**

Well Name: GB 16ML-20-8-22 Location: 20- 8-S 22-E 26 Rig Name:

43-047-376WW

1/16/2007

Spud Date: Rig Release: Rig Number:

Date	From - To	Hours		Sub	Description of Operations
	110/11-10	Hours	Code	Code	Description of Operations
2/7/2007	-		LOC	2	MOVE IN PETE MARTIN DRILLING I.N.C. DRILLED 60' OF CONDUCTOR HOLE +RAT HOL & MOUSE HOLE ON 1/16/2007 SET 60' CONDUCTOR & CEMENT
	-		LOC	2	MOVE IN BILL JR RAT HOLE DRILLING I.N.C. DRILG 760' 777K.B. SET 733.7' OF 9 5/8 CASING TO 750' KB 1/19/2007
	_		CMT	2	RIG UP BIG 4 CEMENTING & CEMENT 9 5/8 CASING W/ 400 S.K. G C.M.T.
					CC 1/4 # S.K. FLOCELE SLURRY 15.8 P.P.G. YEILD 1.15 WATER 5.0 GAL/SK
2/8/2007	06:00 - 06:00	24.00	100		15 BBL TO PIT LAND FLOAT 750 P.S.I. CHECK FLOAT HELD
2/6/2007	06:00 - 06:00	24.00	LOC	3	RIGED DOWN ON THE RWS 8D 6-9-24 MOVE RIG TO GB 16MU 20-8-22 80% RIG OFF LOC
2/9/2007	06:00 - 06:00	24.00	LOC	4	MOVE RIG OVER START RIG UP SET SUB PITS PUMPS H2O TANK &
04400007	22.00 40.00				KOMMEY DW DH DRK ON FLOOR & STAND BOP STACK UP
2/10/2007	06:00 - 12:00 12:00 - 06:00		roc	4	COMPLEAT RIG UP WITH L&S TRUCKS
2/11/2007	06:00 - 06:00	18.00 24.00		4	RIG UP RIG BREAK TOWER
211112001	00.00 - 06.00	24.00	LOC	4	RIG UP RIG RU PITS STRING UP DERRICK 30 MIN TEST 6" OFF STAND RAISE DERRICK RIG UP FLOOR NIPPLE UP B.O.P. HOOK UP FLARELINES
2/12/2007	06:00 - 11:00	5.00	LOC	4	RIG UP FLOOR ECT
	11:00 - 20:00		BOP	2	PRESSURE TEST BOP
	20:00 - 04:30		LOC	4	RIG UP RIG.
	04:30 - 05:00		ОТН	,	INSTALL WEAR BUSHING
	05:00 - 06:00		TRP	1	P/U BHA
2/13/2007	06:00 - 10:30		TRP	1	P/U BHA.
	10:30 - 12:00		DRL	4	DRILL CEMENT AND EQUIPMENT. CEMENT @675', FLOAT 709', SHOE 750'
	12:00 - 12:30		SUR	1	WIRELINE SURVEY 777' = .5*.
	12:30 - 17:00		DRL	1	DRILL FROM 777' TO 1417'
	17:00 - 17:30		SUR	1	WIRELINE SURVEY 1343' = .5*.
	17:30 - 00:00		DRL	1	DRILL FROM 1417' TO 2190'.
	00:00 - 00:30			1	WIRELINE SURVEY 2117'= 1*.
	00:30 - 06:00		DRL	1	DRILL FROM 2190' TO 2779'
2/14/2007	06:00 - 08:00			1	DRILL FROM 2779' TO 3000'.
	08:00 - 08:30	0.50	SUR	1	WIRELINE SURVEY 2926'=2*.
	08:30 - 10:00		DRL		DRILL FROM 3000' TO 3185'.
	10:00 - 14:30	4.50	TRP		DROPED SIPHON HOSE DOWN PIPE. TRIP OUT OF HOLE. HOSE WAS AT
					FLOAT. C/O BIT, OPERATE BOP'S, TRIP IN HOLE. CHANGE OUT ROT RUBBER. HOLE WAS FLOWING 5 BBLS/HR BY END OF TRIP.
	14:30 - 15:30	1.00	DRL		DRILL FROM 3185' TO 3216'.
	15:30 - 16:00	0.50		,	RIG SERVICE.
	16:00 - 22:00	6.00			DRILL FROM 3216' TO 3776'.
	22:00 - 22:30				WIRELINE SURVEY 3704'= 2*.
	22:30 - 06:00	7.50			DRILL FROM 3776' TO 4575'.
					CONNECTION GAS FLARE 2', 2' TRIP FLARE. NO FLARE WHILE DRILLING. NO
/15/2007	06:00 - 07:00	1.00	DRI		FLOW. DRILL FROM 4575 TO 4678'.
. 10/2001	07:00 - 07:30	0.50			WIRELINE SURVEY 4700= 2*.
	07:30 - 16:30	9.00			DRILL FROM 4678 TO 5421.
	16:30 - 17:00	0.50			RIG SERVICE.
	17:00 - 19:00				MUD UP, DISPLACE HOLE WITH 600 BBLS FRESH WATER WHILE MUDDING
					UP. MIX DRY JOB AND PUMP
	19:00 - 03:00	8.00	TRP	10	TIRP OUT OF HOLE, LD 8 3/4 IBS AND BIT #2, WORK PIPE AND BLINDS MAKE UP BIT #3 TRIP IN THE HOLE P/U 7 7/8" IBS'S. TRIP IN.
	03:00 - 03:30	0.50	REAM		WASH AND REAM 5384 TO 5421'.
	03:30 - 06:00	2.50			DRILL FROM 5421 TO 5570'.

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#### **Operations Summary Report**

Well Name: GB 16ML-20-8-22 Location: 20- 8-S 22-E 26 Rig Name:

Spud Date: Rig Release: Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/15/2007	03:30 - 06:00		DRL	1	2' TRIP FLARE, NO DRIILING FLARE NO FLOW DURING TRIP.
2/16/2007	06:00 - 07:00		DRL	1	DRILL FROM 5570 TO 5635
	07:00 - 08:00		RIG	2	REPAIR RIG. BLOW AIRLINE UNDER DRAWORKS
	08:00 - 17:00	9.00	DRL	1	DRILL FROM 5635 TO 6379 LOSING 35 BBLS HR, RAISE VIS AND LCM%
	17:00 - 17:30	0.50	RIG	1	RIG SERVICE
	17:30 - 18:30	1.00	SUR	1	WIRELINE SURVEY 6307'= 1.75*
	18:30 - 06:00	11.50	DRL	1	DRILL FROM 6379 TO 7119. LOSING 15 BBLS HR. MUD @ 5% LCM AND
					STILL RAISING.
2/17/2007	06:00 - 16:00	10.00	DDI.	1	NO DRILLING FLARE. DRILL FROM 7119 TO 7464'. LOSS 250 BBLS. INCREASE TO 10% NO
271172001			-		LOSSES.
	16:00 - 16:30		RIG	1	RIG SERVICE
	16:30 - 19:00	ľ	DRL	1	DRILL FROM 7464 TO 7517 NO LOSSES.
	19:00 - 20:00		CIRC	1	CONDITION AND CIRC. MIX DRY JOB, PUMP DOWN SURVEY
	20:00 - 02:00	6.00	TRP	10	TRIP OUT OF HOLE FOR BIT #3, LD TOP IBS. SURVEY 7517= 2*. WORK PIPE AND BLIND RAMS, TRIP IN WITH BHA INSTALL ROT. RUBBER NO FLUID LOSS NO GAIN.
	02:00 - 03:30	1.50	RIG	6	SLIP AND CUT DRILL LINE.
	03:30 - 04:00		CIRC	1	FILL BHA, BREAK CIRC. NO FLUID LOSS.
	04:00 - 06:00		TRP	10	TRIP IN HOLE @ 5000'.
2/18/2007	06:00 - 07:00		TRP	10	TRIP IN HOLE. BRIDGE 5359'
	07:00 - 08:00		REAM	1	REAM 5359 TO 5469, SEVERAL BRIDGES AND TIGHT SPOTS THROUGH THIS ZONE
	08:00 - 09:00	1 00	TRP	10	TRIP IN HOLE 7480' BRIDGED OFF
	09:00 - 10:00		FISH	6	HOLE PACKED OFF, WORK FREE SPOT TILL FREE.
	10:00 - 10:30		REAM	1	WASH AND REAM 7450 TO 7517 LOST 100 BBLS SHORTLY AFTER TRIP
					RAISED 15% LCM
	10:30 - 17:30		DRL	1	DRILL FROM 7517 TO 7790
	17:30 - 18:00	0.50		1	RIG SERVICE, WORK BOP'S.
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 7790 TO 7940'
					NO DRILLING FLARE, NO LOSSES
2/19/2007	06:00 - 07:00	1.00	CIRC	1	MIX DRY JOB, PUMP DOWN SURVEY( MIS-RUN)
	07:00 - 12:30	5.50	TRP	10	TRIP FOR BIT, LD IBS,RETRIEVE SURVEY TOOL, C/O MUD MOTOR HUNTING
					.16, M/U BIT #5, TRIP IN WITH COLLARS.
	12:30 - 13:00		CIRC	1	BREAK CIRC.
	13:00 - 14:30		TRP	10	TRIP IN HOLE TO 5000'.
	14:30 - 15:00		CIRC		BREAK CIRC.
	15:00 - 16:30		TRP	10	TRIP TO BOTTOM. LOST 20 BBLS OF MUD ON TRIP.
	16:30 - 06:00	13.50	DRL	1	DRILL FROM 7940 TO 8334'.
2/20/2007	06:00 - 16:30	10 FO	DDI		NO DRILLING FLARES, HOLE SEEPING 15% LCM.
JZUIZUU1	1	10.50			DRILLING F/ 8334' TO 8736'
	16:30 - 17:00	0.50			RIG SERVICE
	17:00 - 06:00	13.00	DKL	1	DRILLING F/ 8736' TO 9220
					FLARES HOLE SEEPING 15% L.C.M.
2/21/2007	06:00 - 09:00	3.00	DRL	1	DRILLING F/ 9220' TO 9352' ., STOP DRILLING LEAKING SWIVEL.
	09:00 - 10:00	1.00	RIG	2	SET KELLY BACK RIG UP CIRC HEAH
	10:00 - 11:30	1.50	CIRC		CIRC GAS OUT 8500 UNITS BOTTEM UP
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#### **Operations Summary Report**

Well Name: GB 16ML-20-8-22 Location: 20- 8-S 22-E 26 Rig Name:

Spud Date: Rig Release: Rig Number: 1/16/2007

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/21/2007	11:30 - 13:30	2.00	TRP	13	TRIP OUT 45 STNDS 5167'
	13:30 - 15:00	1.50	RIG	2	ADD 5.5" VICK NIPPLE FOR EXTENSION TO FLOW LINE TO SHALE SHAKR.
	15:00 - 20:30	5.50	RIG	2	DO TO MUD PITS & LOC SEADDING. REPLACE WASH PIPE & SWEVEL PACKING. & TEST + CIRC THROUGH CIRC
	13.00 - 20.30	3.50	INIG		HEAD
	20:30 - 22:30	2.00	TRP	13	TRIP IN BACK TO BOTTEM
					APP 100 BBL MUD ON TRIPS
	22:30 - 06:00	7.50	DRL	1	DRILLING F/ 9352' TO 9579'
					TRIP GAS 8' FLAIR
2/22/2007	06:00 - 10:30	4.50	DRL	1	DRILLING F/ 9579' TO 9733'
	10:30 - 15:00		RIG	2	REPLACE MAKE UP SIDE CAC HEAD ON DRAWORKS
	15:00 - 16:00		DRL	1	DRILLING F/ 9733' TO 9765'
	16:00 - 16:30	0.50	RIG	1	RIG SERVICE
	16:30 - 04:00	11.50	DRL	1	DRILLING F/9765' TO 9966'
					WITH 1' TO 10' FLAIR AFTER BOTTEMS @ 9905'
	04:00 - 05:00		CIRC	1	CIRC DROP SURVEY PUMP PILL SET BACK BLOW KELLY
	05:00 - 06:00		TRP	10	TRIP FOR BIT #6
2/23/2007	06:00 - 12:00		TRP	10	TRIP OUT FOR BIT #6
	12:00 - 19:00		TRP	10	CHANGE BIT PULL SURVEY TRIP IN FILLPIPE @ SHOE & 5400'
	19:00 - 19:30		REAM	1	REAM F/ 9827' TO 9891'
	19:30 - 20:30 20:30 - 21:30		CIRC REAM	1	CIRC GAS OUT FILL 20' FLAIR REAM TO BOTTEM 9891' TO 9966'
	21:30 - 06:00		DRL	į i	DRILLING F/ 9966' TO 10030'
2/24/2007	06:00 - 14:30	8.50		1	DRILLING 10030' TO 10107'
JE-1/2001	14:30 - 15:00	0.50		1	RIG SERVICE
	15:00 - 06:00	15.00		1	DRILLING 10107' TO 10195
2/25/2007	06:00 - 15:30	9.50			DRILLING 10195' TO 15243'
	15:30 - 16:30		CIRC	1	CIRC GAS OUT BUILD PILL
	16:30 - 17:00	0.50	SUR		DROP SURVEY PUMP PILL
	17:00 - 23:30	6.50			TRIP OUT FOR BIT #7
	23:30 - 01:00	1.50		: 1	CHANGE OUT BIT + MUD MOTER TRIP IN HOLE TO SHOE
	01:00 - 03:00	2.00		6	CUT DRILLING LINE
	03:00 - 05:00	2.00		10	TRIP IN HOLE TO 5400'
2/26/2007	05:00 - 06:00	1.00 2.00	CIRC		CIRC GAS OUT
120/2001	06:00 - 08:00 08:00 - 09:00	1.00		10	T.I.H. W/ BIT #7 TIGHT SPOT @ 9500' PULL FREE LAY DOWN 24 JT DP
	09:00 - 09:30	0.50		10	T.I.H. 7 STANDS
	09:30 - 15:00		REAM		WASH & REAM F/ 9500 TO 10243' =743' TO BOTTEM
	15:00 - 16:30	1.50		- 1	DRILLING F/ 10243 ' TO 10261'
	16:30 - 17:00	0.50		1	RIG SERVICE
	17:00 - 06:00	13.00			DRILLING F/ 10261' TO 10730'
2/27/2007	06:00 - 16:00	10.00	DRL	1	DRILL FROM 10730 TO 10939'.
	16:00 - 16:30	0.50			RIG SERVICE
	16:30 - 17:00	0.50	DRL	1	DRILL FROM 10939' TO 10950'. TD WELL 2/26/2007 @ 1700. 3' CONNECTION
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#### **Operations Summary Report**

Well Name: GB 16ML-20-8-22 Location: 20- 8-S 22-E 26 Rig Name:

Spud Date: 1/16/2007 Rig Release: Rig Number:

17:00 - 18:30	Date	From - To	Hours	Code	Sub Code	Description of Operations
18:30 - 20:30	2/27/2007				1 .	
20:30 - 22:00		17:00 - 18:30	1.50	CIRC	1 '	CIRC AND COND. BOTTOMS UP.
22:00 - 01:00			2.00	TRP	14	SHORT TRIP TO 9400'. HOLE LOOKING GOOD. 5' TRIP FLARE.
22:00 - 01:00		20:30 - 22:00	1.50	CIRC	1	CIRC AND CONDITION. LOSS ALL CIRCULATION. WHEN DRY JOB WAS
11-00 - 02-30   1.50   TRP   2   TRIP DUT FOR LOSS UP TO 9500'   1   1   1   1   1   1   1   1   1		22:00 - 01:00	3.00	CIRC	2	
01:00 - 02:30   1.50   TRP   2   17   POUT FOR LOGS UP TO 9500**,   1   20   1   20   20   20   20   20						
102:30 - 03:00   0.50   CIRC   1   CIRC. PUMP ANOTHER 12.5# 40 BBLS PILL   03:00 - 06:00   03:00   15:00   1						
28/2007						
08:00 - 08:30   08:00 - 08:30   08:00 - 08:30   08:00 - 08:30   08:00 - 08:30   08:00   08:3						
09:30 - 16:00		1				
15:00 - 16:30   15:00   16:30   5:00   TRP   2   LAY DOWN MUD MOTOR, MU BIT #8RR, TRIP IN HOLE, FILL BHA WITH MUD. TRIP TO 75:00'   1   FILL PIPE AND CIRC.   1   FILL PIPE AND CIRC.   1   TRIP IN HOLE BRIDGE @ 85:10'   23:30 - 23:30   00:30   1:00   CiRC   1   CiRC   1   CiRC   CiRC   1   CiRC	2/28/2007					
18:00 - 18:30		09:30 - 16:00	6.50	LOG	1	
16:30 - 21:30						
21:30 - 22:00 22:00 - 23:00 23:00 - 23:00 23:00 - 23:00 23:00 - 23:00 23:00 - 23:00 23:00 - 23:00 23:00 - 23:00 23:00 - 23:00 23:00 - 23:00 23:00 - 23:00 23:00 - 23:00 23:00 - 23:00 23:00 - 01:00 00:30 - 01:00 00:30 - 01:00 00:30 - 03:00 1.50 00:30 - 03:00 00:30 - 03:30 1.00 00:30 - 03:30 1.00 00:30 - 03:30 1.00 00:30 - 03:30 1.00 00:30 - 03:30 00:30						
21:30 - 22:00		16:30 - 21:30	5.00	TRP	2	
22:00 - 23:30		1				
23:00 - 23:30   0.50   REAM   1.00   CIRC   1   CIRC   1.0030 - 01:00   0.50   TRP   2   TRIP IN HOLE. TO 97:00   0.300 - 03:30   0.50   TRP   2   TRIP IN HOLE. TO 97:00   0.50   TRP   2   TRIP IN HOLE. TO 97:00   0.50   TRIP   1.00   TRP   2   TRIP IN HOLE. TO 97:00   0.50   TRIP   1.00   TRP   2   TRIP IN HOLE. TO 97:00   0.50   TRIP   1.00   TRP   2   TRIP IN HOLE. TO 97:00   0.50   TRIP   1.00   TRP   2   TRIP IN HOLE. TO 97:00   0.50   TRIP   1.00   TRIP   2   TRIP IN HOLE. TO 93:00   0.50   TRIP   2   TRIP OUT FOR LOGS. (SPOT SECOND PILL @ 95:00')   TRIP OUT FOR LOGS. (SPOT SECOND PILL @ 95:00')   TRIP OUT OF HOLE TO 95:00'   TRIP OUT OF HOLE 109:50'   TRIP OUT OF HOLE 109:50'   TRIP OUT OF HOLE. FUNCTION RAMS.   WAIT ON SCHLUMBERGER   VAIT ON SCHLUMBERGER   TRIP IN TO 95:00'   TRIP OUT OF HOLE. FUNCTION RAMS.   TRIP OUT OF HOLE. FUNCTI					1 .	
23:30 - 00:30						
00:30 - 01:00						
00:30 - 01:00		23:30 - 00:30	1.00	CIRC	1	
01:00 - 02:30		00:30 - 01:00	0.50	TRP	2	
1/2007   05:30 - 05:30   05:00   05:00   05:00   07:00   06:00 - 07:00   1.00   TRP   2   TRIP N HOLE, P/U 1 JT TO TAG BOTTOM 10950'.   1/2007   06:00 - 07:00   1.00   TRP   2   TRIP OUT FOR LOGS. (SPOT SECOND PILL @ 95:00')   1/2007   07:00 - 08:00   1.00   TRP   2   TRIP OUT FOR LOGS. (SPOT SECOND PILL @ 95:00')   1/2007   1/20						
02:30 - 03:30		000		0	i	
03:30 - 05:30		02:30 - 03:30	1.00	TRP	2	
1/2007   05:30 - 06:00   0.50   TRP   2   TRIP OUT FOR LOGS. (SPOT SECOND PILL @ 9500')   TRIP OUT FOR LOGS. (SPOT SECOND PILL @ 9500')   TRIP OUT OF HOLE TO 9500'   TRIP OUT OF HOLE FUNCTION RAMS.   TRIP OUT OF HOLE FUNCTION RAMS.   TRIP OUT OF HOLE FUNCTION RAMS.   TRIP OUT OF HOLE SOO'   TRIP OUT OF HOLE FUNCTION RAMS.   TRIP OUT OF HOLE TO 9500'   TRIP OUT OF HOLE TO 9500'   TRIP OUT OF HOLE SOO'   TRIP OUT OF HOLE FUNCTION RAMS.   TRIP OUT OF HOLE SOO'   TRIP OUT OF HOLE SOO'   TRIP OUT OF HOLE SOO'   TRIP OUT OF HOLE FUNCTION RAMS.   TRIP OUT OF HOLE SOO'   TRIP OUT OF HOLE SOO'   TRIP OUT OF HOLE SOO'   TRIP OUT OF HOLE FUNCTION RAMS.   TRIP OUT OF HOLE SOO'   TRIP OUT OF HOLE SOO'   TRIP OUT OF HOLE FUNCTION RAMS.   TRIP OUT OF HOLE SOO'   TRIP OUT OF HOLE FUNCTION RAMS.   TRIP OUT OF HOLE SOO'   TRIP OUT OF HOLE FUNCTION RAMS.   TRIP OUT OF HOLE SOO'   TRIP OUT OF HOLE FUNCTION RAMS.   TRIP OUT OF HOLE SOO'   TRIP OUT OF HOLE FUNCTION RAMS.   TRIP OUT OF HOLE SOO'   TRIP OUT OF HOLE SOO'   TRIP OUT OF HOLE FUNCTION RAMS.   TRIP OUT OF HOLE SOO'   TRIP OUT ON CHILD RAMS.   TRIP OUT O		03:30 - 05:30	2.00	CIRC	1	
1/2007   06:00 - 07:00   1.00   TRP   2   TRIP OUT OF HOLE TO 9500'   TRIP 1.00   TRP   2   TRIP IN THE HOLE   TO 9500'   TRIP IN THE HOLE   TRIP OUT OF HOLE 9500'   TRIP IN THE HOLE   TRIP OUT OF HOLE 9500'   PUMP 12.5# SLUG 40 BBLS.   TRIP OUT OF HOLE 9500'   PUMP 12.5# SLUG 40 BBLS.   TRIP OUT OF HOLE 9500'   PUMP 12.5# SLUG 40 BBLS.   TRIP OUT OF HOLE 9500'   PUMP 12.5# SLUG 40 BBLS.   TRIP OUT OF HOLE 9500'   PUMP 12.5# SLUG 40 BBLS.   TRIP OUT OF HOLE 9500'   PUMP 12.5# SLUG 40 BBLS.   TRIP OUT OF HOLE 9500'   PUMP 12.5# SLUG 40 BBLS.   TRIP OUT OF HOLE 9500'   PUMP 12.5# SLUG 40 BBLS.   TRIP OUT OF HOLE 9500'   PUMP 12.5# SLUG 40 BBLS.   TRIP OUT OF HOLE 9500'   PUMP 12.5# SLUG 40 BBLS.   TRIP OUT OF HOLE 9500'   PUMP 12.5# SLUG 40 BBLS.   TRIP OUT OF HOLE 9500'   PUMP 12.5# SLUG 40 BBLS.   TRIP OUT OF HOLE 9500'   PUMP 12.5# SLUG 40 BBLS.   TRIP OUT OF HOLE 9500'   PUMP 12.5# AUBBLE 15' FLARE. RIG UP LAYDOWN CREW (WESTATES)   PUMP 12.5# 40 BBL PILL.   PUMP 12.5						
1/2007   06:00 - 07:00   1.00   TRP   2   TRIP OUT OF HOLE TO 9500'   TRIP IN THE HOLE   13:00 - 14:00   13:00   14:00		05:30 - 06:00	0.50	TRP	2	TRIP OUT FOR LOGS. (SPOT SECOND PILL @ 9500')
08:00 - 13:00	1/2007	06:00 - 07:00	1.00	TRP	2	
13:00 - 14:00		07:00 - 08:00	1.00	TRP	2	TRIP IN THE HOLE
14:00 - 14:30		08:00 - 13:00	5.00	WOT	4	WAIT FOR LOGGING TOOL FROM CASPER WYOMING.
14:30 - 20:00   5.50   TRP   2   TRIP OUT OF HOLE. FUNCTION RAMS.   20:30 - 20:30   3.00   TRP   1   P/U DRILL STRING LOGGING TOOLS. HOLD SAFETY MEETING.   23:30 - 00:00   0.50   RIG   2   FIX BROKEN AIRLINE ON AIR SPINNERS.   1   BREAK CIRC.   2   BREAK CIRC.   3   BREAK CIRC.   3		13:00 - 14:00	1.00	TRP	2	TRIP OUT OF HOLE 9500'
20:00 - 20:30		14:00 - 14:30	0.50	CIRC	1	PUMP 12.5# SLUG 40 BBLS.
20:30 - 23:30   3.00   TRP   1   P/U DRILL STRING LOGGING TOOLS. HOLD SAFETY MEETING.   23:30 - 00:00   0.50   RIG   2   FIX BROKEN AIRLINE ON AIR SPINNERS.   1   1   1   1   1   1   1   1   1		14:30 - 20:00	5.50	TRP	2	TRIP OUT OF HOLE. FUNCTION RAMS.
23:30 - 00:00		20:00 - 20:30	0.50	WOT	4	WAIT ON SCHLUMBERGER
23:30 - 00:00			3.00	TRP	1	P/U DRILL STRING LOGGING TOOLS. HOLD SAFETY MEETING.
00:00 - 02:00   02:00   02:00   02:00   02:00   02:00 - 02:30   05:00   05:00   05:00   05:00   06:00   05:00   06:0						
02:00 - 02:30		00:00 - 02:00	2.00	TRP		
04:30 - 05:00   0.50   CIRC   1   ATTEMPTED TO BREAK CIRC. WOULD NOT CIRC.   1   TRIP TO 7500'   10:00 - 09:00   10:00   10:00   10:00   10:00   10:00   11:00   11:30   11:30   13:30   14:00   15:30   15:30   15:30   17:30			0.50	CIRC		
05:00 - 06:00   1.00   TRP   2   TRIP TO 7500'   LOSS CIRC. 550 BBLS. REGAIN CIRC. BUILD VOLUME.   1.00   11:00   11:00   11:00   11:00   11:00   11:30   13:00   14:00   15:30   15:30 - 17:30   17:3		02:30 - 04:30	2.00	TRP	2	TRIP IN TO 9500'.
2/2007   06:00 - 09:00   09:00   1.50   1.50		04:30 - 05:00	0.50	CIRC	1	ATTEMPTED TO BREAK CIRC. WOULD NOT CIRC.
09:00 - 10:00		05:00 - 06:00	1.00	TRP		TRIP TO 7500'
10:00 - 11:00	/2/2007	06:00 - 09:00	3.00	CIRC	2	LOSS CIRC. 550 BBLS. REGAIN CIRC. BUILD VOLUME.
11:00 - 11:30		09:00 - 10:00	1.00	TRP	2	TRIP IN HOLE. TO 9300'
11:30 - 13:00		10:00 - 11:00	1.00	CIRC	1	CIRC. OUT HEAVY PILL.
13:00 - 14:00		11:00 - 11:30	0.50	TRP	2	TRIP IN HOLE, TIGHT HOLE @ 9400'.
14:00 - 15:30		11:30 - 13:00	1.50	REAM		WASH AND REAM 9400'- 9570'.
15:30 - 17:30		13:00 - 14:00	1.00	TRP		TRIP IN HOLE TO 10950'.
15:30 - 17:30		14:00 - 15:30	1.50	CIRC	1	CIRC. OUT GAS BUBBLE 15' FLARE. RIG UP LAYDOWN CREW (WESTATES)
17:30 - 18:00 0.50 CIRC 1 PUMP 12.5# 40 BBL PILL.						
		1				
		17:30 - 18:00	0.50	CIRC	1	PUMP 12.5# 40 BBL PILL.
			İ			

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#### **Operations Summary Report**

Well Name: GB 16ML-20-8-22 Location: 20- 8-S 22-E 26 Rig Name:

1/16/2007

Spud Date: Rig Release: Rig Number:

1030 - 05:00	Date	From - To	Hours	Code	Sub Code	Description of Operations
1.00	3/2/2007	18:00 - 04:30	10.50	TRP	3	
1.00		04:30 - 05:00	0.50	отн		PULL WEAR BUSHING.
07:00 - 10:00		05:00 - 06:00	1.00	CSG	1	RIG UP CSG CREW.
10:00 - 10:30 10:30 - 12:00 10:30 - 12:00 10:30 - 12:00 11:200 - 12:30 10:30 - 12:00 11:30 - 12:00 11:30 - 12:00 11:30 - 12:00 11:30 - 14:00 11:30 - 14:30 10:30 - 14:00 11:30 - 15:30 10:30 - 17:00 11:30 - 15:30 10:30 - 17:00 11:30 - 18:30 10:30 - 17:00 11:30 - 18:30 10:30 - 00:30 10:30 - 00:30 10:30 - 05:30 10:30 - 00:30 10:30 - 05:30 10:30 - 00:30 1	3/3/2007	06:00 - 07:00	1.00	CSG	1	RIG UP CSG CREW.
10:00 - 10:30		07:00 - 10:00	3.00	CSG	2	RUN 4 1/2 " CSG TO 2500' HOLE NOT DISPLACING
10:30 - 12:00		10:00 - 10:30				
12:00 - 12:30 12:30 - 14:00 12:30 - 14:00 12:30 - 14:00 14:00 - 14:30 14:30 - 15:30 15:30 - 17:00 15:30 - 17:00 15:30 - 17:00 15:30 - 17:00 15:30 - 17:00 15:30 - 17:00 15:30 - 17:00 15:30 - 10:00 15						
12:30 - 14:00 14:30 14:30 - 15:30 14:30 - 15:30 15:30 - 17:00 15:30 - 17:00 15:30 - 18:30 16:30 - 18:30 16:30 - 18:30 16:30 - 18:30 16:30 - 18:30 16:30 - 18:30 16:30 - 18:30 16:30 - 18:30 16:30 - 18:30 16:30 - 18						
14:00 - 14:30						
14:30 - 15:30						
15:30 - 17:00		!			1	
17:00 - 18:30  1.50 CSG  2 RUN CSG TAG @ 10950' 258 JTS 4.5" 11.6# HC P-110 SET WASATCH MARKER @ 5587.68, SET MESA VERDE MARKER @ 8371.25 FLOAT COLLAR @ 10906.70. FLOAT SHOE @ 10950.16.  18:30 - 20:30  20:30 - 00:30  4.00 CMT  2 CEMENTERS.  CEMENT WITH 495 BBLS( 730 sx)LEAD 11.0# AND 427 BBLS(1920 sx) OF TAIL @ 14.3# . LOSS RETURNS 10 BBLS BEFORE DISPLACEMENT. REGAIN PARTIAL CIRC. THROUGH OUT DISPLACEMENT. NO CEMENT TO SURFACE RIG DOWN CEMENTERS.  00:30 - 05:30					1	
MARKER @ 5587.68, SET MESA VERDE MARKER @ 8371.25 FLOAT COLLAR @ 10906.70. FLOAT SHOE @ 10950.16.  18:30 - 20:30					1	
18:30 - 20:30		17.00 - 18.30	1.50	CSG	2	MARKER @ 5587.68, SET MESA VERDE MARKER @ 8371.25 FLOAT COLLAR
20:30 - 00:30		18:30 - 20:30	2.00	CIRC	1	CIRC. OUT GAS. RIG DOWN CSG CREW AND LAYDOWN TRUCK, RIG UP
00:30 - 05:30		20:30 - 00:30	4.00	СМТ	2	CEMENT WITH 495 BBLS( 730 sx)LEAD 11.0# AND 427 BBLS(1920 sx) OF TAIL @ 14.3# . LOSS RETURNS 10 BBLS BEFORE DISPLACEMENT. REGAIN
05:30 - 06:00					_	
4/2007   06:00 - 11:30   5.50 LOC   7   CLEAN PITS. RIG RELEASE 3/3/2007 11:30.						
						SHIPPED 500 BLS OF MUD TO STORAGE.
11:30 - 06:00	3/4/2007	06:00 - 11:30	5.50	LOC	7	CLEAN PITS. RIG RELEASE 3/3/2007 11:30.
		11:30 - 06:00	18.50	LOC	4	RIG DOWN.
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#### **Operations Summary Report**

Weil Name: GB 16ML-20-8-22

Location: 20- 8-S 22-E 26 Rig Name:

43-047-37664

ud Date: 1/16/2007

Spud Date: Rig Release: Rig Number:

LOC 2 LOC 2	Date	From - To	Hours	Code	Sub Code	Description of Operations
LOC   2   MOVE IN BILL JR RAT HOLE DRILLING IN.C. DRILG 769 777/R.B. SET 33.7/	2/7/2007	-		LOC	2	I PRAT HOL& MOUSE HOLE ON 1/16/2007 SET 60' CONDUCTOR & CEMENT
2/13/2007 06:00 - 06:00		-		LOC	2	MOVE IN BILL JR RAT HOLE DRILLING I.N.C. DRILG 760' 777K.B. SET 733.7'
29/2007   06:00 - 06:00   24:00   LOC   24:00   LOC   24:00   LOC   40:00 - 06:00   24:00   LOC   40:00 - 06:00   12:00 - 06:00   12:00 - 06:00   12:00   16:00   LOC   11:00 - 20:00   24:00   LOC   11:00 - 20:00   24:00   LOC   11:00 - 20:00   20:00   11:00   20:00   20:00   11:00   20:00   20:00   10:00   LOC   11:00 - 20:00   20		-		СМТ	2	RIG UP BIG 4 CEMENTING & CEMENT 9 5/8 CASING W/ 400 S.K. G C.M.T. 2 CC 1/4 # S.K. FLOCELE SLURRY 15.8 P.P.G. YEILD 1.15 WATER 5.0 GAL/SK
29/2007   06:00 - 06:00   24:00   LOC   4   MOVE RIG OVER START RIG UP SET SUB PITS PUMPS : H20 TANK & KOMMEY DWD HDRK ON FLOOR & STAND BOP STACK UP COMPLEAT RIG UP PITOR KO NFLOOR & STAND BOP STACK UP COMPLEAT RIG UP PITOR KO NFLOOR & STAND BOP STACK UP COMPLEAT RIG UP WITH LAS TRUCKS RIG UP STAND BOP STACK UP COMPLEAT RIG UP WITH LAS TRUCKS RIG UP STAND BOP STACK UP COMPLEAT RIG UP WITH LAS TRUCKS RIG UP FLOOR NIPPLE UP B.O.P. HOOK UP FLARELINES RIG UP RIG UP RIG BRAK TOWER RIG UP FLOOR NIPPLE UP B.O.P. HOOK UP FLARELINES RIG UP FLOOR STAND RAISE DERRICK RIG UP FLOOR NIPPLE UP B.O.P. HOOK UP FLARELINES RIG UP FLOOR STAND RAISE DERRICK RIG UP FLOOR NIPPLE UP B.O.P. HOOK UP FLARELINES RIG UP R	2/8/2007	06:00 - 06:00	24.00	LOC	3	RIGED DOWN ON THE RWS 8D 6-9-24 MOVE RIG TO GB 16MU 20-8-22 80%
2/10/2007   06:00 - 12:00   06:00   12:00   06:00   24:00   12:00 - 06:00   24:00   12:00   06:00   24:00   12:00   06:00   10:00   24:00   10:00   20:00   10:00	2/9/2007	06:00 - 06:00	24.00	LOC	4	MOVE RIG OVER START RIG UP SET SUB PITS PUMPS H2O TANK &
12:00 - 06:00	2/40/2007	06:00 - 12:00	6.00	LOC	4	COMPLEAT RIG UP WITH L&S TRUCKS
2/11/2007 06:00 - 06:00   24:00   LOC   4   RIG UP RIG RU PITS STRING UP DERRICK 30 MIN TEST 6" OFF STAND 2/11/2007 06:00 - 06:00   SOD	2/10/2007					PIG LIP RIG BREAK TOWER
11:00 - 20:00	2/11/2007					PIGLIPRIG RUPITS STRING UP DERRICK 30 MIN TEST 6" OFF STAND
11:00 - 20:00   9.00   8.00   CC   2   PRESSURE TEST BOP   20:00 - 04:30   6.50   CC   4   RIG UP RIG    RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG UP RIG   RIG	2/12/2007	06:00 - 11:00	5.00	LOC	4	
2/13/2007 06:00 0.50 0TH 05:00 -06:00 1.00 TRP 1 1			9.00	BOP		
2/13/2007   06:00 - 07:00   1.00   TRP   1   P/U BHA   1   P/U BHA   1   1   P/U BHA   1   1   1   1   1   1   1   1   1					4	
2/13/2007   06:00 - 10:30   1.50   DRL   1.50   DRL   1.200 - 12:30   0.50   SUR   1.200 - 17:30   0.50   SUR   1.700 - 18:30   0.50   SUR   1.700 - 18:30   1.50   DRL   1.500   1.50   DRL   1.500 - 14:30   1.50   DRL   1.500 - 14:30   1.50   DRL   1.500 - 16:30 - 16:30   0.50   SUR   1.500 - 16:30   0.50		04:30 - 05:00			ļ	
10:30 - 12:00		05:00 - 06:00			1.	
12:00 - 12:30	2/13/2007	06:00 - 10:30				P/U BHA.
12:30 - 17:00 17:30		10:30 - 12:00				
17:00 - 17:30						
2/14/2007   0.00						
10:00 - 00:30						
2/14/2007   06:00 - 08:00   06:00   08						
2/14/2007					1 '	
08:00 - 08:30						
08:30 - 10:00	2/14/2007				1	
10:00 - 14:30 10:00 - 14:30 10:00 - 14:30 10:00 - 14:30 10:00 - 14:30 10:00 - 14:30 10:00 - 14:30 10:00 - 14:30 10:00 - 14:30 10:00 - 14:30 10:00 - 16:30 10:00 - 16:00 10:00 - 16:00 10:00 - 10:00 10:00 - 10:00 10:00 - 07:00 10:00 - 07:00 10:00 - 07:00 10:00 - 07:30 10:30 - 16:30 10:00 - 07:30 10:30 - 10:30 10:30 - 03:30 10:30 - 03:30 10:30 - 06:00 10						
14:30 - 15:30						DRILL FROM 3000 TO 3100.
14:30 - 15:30		10:00 - 14:30	4.50	TRP	2	FLOAT C/O RIT OPERATE BOP'S, TRIP IN HOLE, CHANGE OUT ROT
15:30 - 16:00	İ	44.00 45:00	4.00	ומח	4	DRILL FROM 3185' TO 3216'.
16:00 - 22:00 6.00 DRL 1 DRILL FROM 3216' TO 3776'.  22:00 - 22:30 0.50 SUR 1 WIRELINE SURVEY 3704'= 2*. DRILL FROM 3776' TO 4575'.  CONNECTION GAS FLARE 2', 2' TRIP FLARE. NO FLARE WHILE DRILLING. NO FLOW. DRILL FROM 4575 TO 4678'. WIRELINE SURVEY 4700= 2*. DRILL FROM 4678 TO 5421. RIG SERVICE.  1 DRILL FROM 4678 TO 5421. RIG SERVICE. MUD UP, DISPLACE HOLE WITH 600 BBLS FRESH WATER WHILE MUDDING UP. MIX DRY JOB AND PUMP TIRP OUT OF HOLE, LD 8 3/4 IBS AND BIT #2, WORK PIPE AND BLINDS MAKI UP BIT #3 TRIP IN THE HOLE P/U 7 7/8" IBS'S. TRIP IN.  1 DRILL FROM 4521 TO 5570'.						
22:00 - 22:30						
22:30 - 06:00 7:50 DRL 1 DRILL FROM 3776' TO 4575'.  CONNECTION GAS FLARE 2', 2' TRIP FLARE. NO FLARE WHILE DRILLING. NO FLOW.  DRILL FROM 4575 TO 4678'.  WIRELINE SURVEY 4700 = 2*.  DRILL FROM 4678 TO 5421.  RIG SERVICE.  MUD UP, DISPLACE HOLE WITH 600 BBLS FRESH WATER WHILE MUDDING UP, MIX DRY JOB AND PUMP  19:00 - 03:00 8.00 TRP 10 TRP OUT OF HOLE, LD 8 3/4 IBS AND BIT #2, WORK PIPE AND BLINDS MAKI UP BIT #3 TRIP IN THE HOLE P/U 7 7/8" IBS'S. TRIP IN.  WASH AND REAM 5384 TO 5421'.  DRILL FROM 3776' TO 4575'.						
2/15/2007   06:00 - 07:00						DRILL FROM 3776' TO 4575'.
2/15/2007 06:00 - 07:00 0.50 0.50 0.50 0.50 0.50 0.50 0.50 0						CONNECTION GAS FLARE 2', 2' TRIP FLARE. NO FLARE WHILE DRILLING. NO
07:00 - 07:30   0.50   0.50   0RL   1   WIRELINE SURVEY 4700= 2*.   07:30 - 16:30   9.00   DRL   1   DRILL FROM 4678 TO 5421.   RIG SERVICE.   MUD UP, DISPLACE HOLE WITH 600 BBLS FRESH WATER WHILE MUDDING UP, MIX DRY JOB AND PUMP   19:00 - 03:00   8.00   TRP   10   TIRP OUT OF HOLE, LD 8 3/4 IBS AND BIT #2, WORK PIPE AND BLINDS MAKI UP BIT #3 TRIP IN THE HOLE P/U 7 7/8" IBS'S. TRIP IN.   03:00 - 03:30   0.50   REAM   1   WASH AND REAM 5384 TO 5421'.   DRILL FROM 5421 TO 5570'.				001	1	
07:30 - 16:30 16:30 - 17:00 17:00 - 19:00 17:00 - 03:00 19:00 - 03:30 03:30 - 06:00  07:30 - 16:30 9.00 DRL 1 DRILL FROM 4678 TO 5421. RIG SERVICE. MUD UP, DISPLACE HOLE WITH 600 BBLS FRESH WATER WHILE MUDDING UP, MIX DRY JOB AND PUMP TIRP OUT OF HOLE, LD 8 3/4 IBS AND BIT #2, WORK PIPE AND BLINDS MAKI UP BIT #3 TRIP IN THE HOLE P/U 7 7/8" IBS'S. TRIP IN. WASH AND REAM 5384 TO 5421'. DRILL FROM 5421 TO 5570'.	2/15/2007					
16:30 - 17:00			1			
17:00 - 19:00 17:00 - 19:00 2.00 CIRC 1 MUD UP, DISPLACE HOLE WITH 600 BBLS FRESH WATER WHILE MUDDING UP, MIX DRY JOB AND PUMP 19:00 - 03:00 03:00 - 03:30 0.50 REAM 1 DRL 1 DRILL FROM 5421 TO 5570'.			1			DIG SERVICE
19:00 - 03:00			i			MUD UP DISPLACE HOLE WITH 600 BBLS FRESH WATER WHILE MUDDING
19:00 - 03:00		17:00 - 19:00	2.00	UINO	'	LID MIX DDV TOR AND PLIMP
03:00 - 03:30		19:00 - 03:00	8.00	TRP	10	TIRP OUT OF HOLE, LD 8 3/4 IBS AND BIT #2, WORK PIPE AND BLINDS MAKE
03:30 - 06:00 2.50 DRL 1 DRILL FROM 5421 TO 5570'.		03:00 03:30	0.54	REAM	1	WASH AND REAM 5384 TO 5421'.

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#### **Operations Summary Report**

Well Name: GB 16ML-20-8-22 Location: 20- 8-S 22-E 26 Rig Name:

1/16/2007

Spud Date: Rig Release: Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
2/15/2007	03:30 - 06:00	2.50	DRL	1	2' TRIP FLARE, NO DRIILING FLARE NO FLOW DURING TRIP.
2/16/2007	06:00 - 07:00		DRL	1	DRILL FROM 5570 TO 5635
71072007	07:00 - 08:00		RIG	2	REPAIR RIG. BLOW AIRLINE UNDER DRAWORKS
	08:00 - 17:00		DRL	1	DRILL FROM 5635 TO 6379 LOSING 35 BBLS HR, RAISE VIS AND LCM%
	17:00 - 17:30		RIG	1	RIG SERVICE
	17:30 - 18:30		SUR	1	WIRELINE SURVEY 6307'= 1.75*
	18:30 - 06:00	11.50		li	DRILL FROM 6379 TO 7119. LOSING 15 BBLS HR. MUD @ 5% LCM AND
	16.30 - 00.00	11.50	DITE	ľ	STILL RAISING.
					NO DRILLING FLARE. DRILL FROM 7119 TO 7464'. LOSS 250 BBLS. INCREASE TO 10% NO
2/17/2007	06:00 - 16:00	10.00		1	LOSSES.
	16:00 - 16:30	0.50	RIG	1	RIG SERVICE
	16:30 - 19:00	2.50	DRL	1	DRILL FROM 7464 TO 7517 NO LOSSES.
	19:00 - 20:00	1.00	CIRC	1	CONDITION AND CIRC. MIX DRY JOB, PUMP DOWN SURVEY
	20:00 - 02:00		TRP	10	TRIP OUT OF HOLE FOR BIT #3, LD TOP IBS. SURVEY 7517= 2*. WORK PIPE
					AND BLIND RAMS, TRIP IN WITH BHA INSTALL ROT. RUBBER NO FLUID LOSS NO GAIN.
	02:00 - 03:30	1 50	RIG	6	SLIP AND CUT DRILL LINE.
	03:30 - 04:00		CIRC	1	FILL BHA, BREAK CIRC. NO FLUID LOSS.
	04:00 - 06:00		TRP	10	TRIP IN HOLE @ 5000'.
2/40/2007	06:00 - 07:00		TRP	10	TRIP IN HOLE. BRIDGE 5359'
2/18/2007	07:00 - 07:00		REAM	10	REAM 5359 TO 5469, SEVERAL BRIDGES AND TIGHT SPOTS THROUGH THIS
					ZONE
	08:00 - 09:00		TRP	10	TRIP IN HOLE 7480' BRIDGED OFF
	09:00 - 10:00		FISH	6	HOLE PACKED OFF, WORK FREE SPOT TILL FREE. WASH AND REAM 7450 TO 7517 LOST 100 BBLS SHORTLY AFTER TRIP
	10:00 - 10:30		REAM	1	RAISED 15% LCM
	10:30 - 17:30	7.00	DRL	1	DRILL FROM 7517 TO 7790
	17:30 - 18:00	0.50	RIG	1	RIG SERVICE, WORK BOP'S.
	18:00 - 06:00	12.00	DRL	1	DRILL FROM 7790 TO 7940'
0400007	06:00 - 07:00	1.00	CIRC	1	NO DRILLING FLARE, NO LOSSES MIX DRY JOB, PUMP DOWN SURVEY( MIS-RUN)
2/19/2007				10	TRIP FOR BIT, LD IBS,RETRIEVE SURVEY TOOL, C/O MUD MOTOR HUNTING
	07:00 - 12:30	5.50	TRP	10	.16, M/U BIT #5, TRIP IN WITH COLLARS.
			0.00	1.	
	12:30 - 13:00		CIRC	1	BREAK CIRC.
	13:00 - 14:30		TRP	10	TRIP IN HOLE TO 5000'.
	14:30 - 15:00	1	CIRC	1	BREAK CIRC.
	15:00 - 16:30		TRP	10	TRIP TO BOTTOM. LOST 20 BBLS OF MUD ON TRIP.
	16:30 - 06:00	13.50	DRL	1	DRILL FROM 7940 TO 8334'.
0.000,000	00.00 10.00	10.50	DRL	1	NO DRILLING FLARES, HOLE SEEPING 15% LCM. DRILLING F/ 8334' TO 8736'
2/20/2007	06:00 - 16:30			1	RIG SERVICE
	16:30 - 17:00		RIG	1	DRILLING F/ 8736' TO 9220
	17:00 - 06:00	13.00	DRL	1	DRILLING 17 0130 10 3220
					FLARES HOLE SEEPING 15% L.C.M.
			DR:	1.	DRILLING F/ 9220' TO 9352' ., STOP DRILLING LEAKING SWIVEL.
2/21/2007	06:00 - 09:00		DRL	1	SET KELLY BACK RIG UP CIRC HEAH
	09:00 - 10:00		RIG	2	
	10:00 - 11:30	1.50	CIRC	1	CIRC GAS OUT 8500 UNITS BOTTEM UP
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#### **Operations Summary Report**

Well Name: GB 16ML-20-8-22 Location:

20-8-S 22-E 26

Rig Name:

Spud Date: 1/16/2007 Rig Release: Rig Number:

Sub Date From - To Hours Code **Description of Operations** Code 2/21/2007 11:30 - 13:30 2.00 TRP 13 TRIP OUT 45 STNDS 5167 13:30 - 15:00 1.50 RIG ADD 5.5" VICK NIPPLE FOR EXTENSON TO FLOW LINE TO SHALE SHAKR. DO TO MUD PITS & LOC SEADDING. 15:00 - 20:30 5.50 RIG 2 REPLACE WASH PIPE & SWEVEL PACKING. & TEST + CIRC THROUGH CIRC HEAD 2.00 TRP 20:30 - 22:30 13 TRIP IN BACK TO BOTTEM APP 100 BBL MUD ON TRIPS 22:30 - 06:00 7.50 DRL DRILLING F/ 9352' TO 9579' TRIP GAS 8' FLAIR 2/22/2007 06:00 - 10:30 4.50 DRI DRILLING F/ 9579' TO 9733' 10:30 - 15:00 REPLACE MAKE UP SIDE CAC HEAD ON DRAWORKS 4.50 RIG 15:00 - 16:00 1.00 DRL DRILLING F/ 9733' TO 9765' 16:00 - 16:30 0.50 RIG RIG SERVICE 16:30 - 04:00 11.50 DRL DRILLING F/9765' TO 9966' WITH 1' TO 10' FLAIR AFTER BOTTEMS @ 9905' 1.00 CIRC 1.00 TRP 04:00 - 05:00 CIRC DROP SURVEY PUMP PILL SET BACK BLOW KELLY 05:00 - 06:00 10 TRIP FOR BIT #6 6.00 TRP 2/23/2007 06:00 - 12:00 TRIP OUT FOR BIT #6 10 CHANGE BIT PULL SURVEY TRIP IN FILLPIPE @ SHOE & 5400' 12:00 - 19:00 7.00 TRP 10 0.50 REAM 19:00 - 19:30 REAM F/ 9827' TO 9891' 19:30 - 20:30 1.00 CIRC CIRC GAS OUT FILL 20' FLAIR 20:30 - 21:30 1.00 REAM REAM TO BOTTEM 9891' TO 9966' 21:30 - 06:00 8.50 DRL DRILLING F/ 9966' TO 10030' 2/24/2007 06:00 - 14:30 8.50 DRL DRILLING 10030' TO 10107' 14:30 - 15:00 0.50 RIG RIG SERVICE DRILLING 10107' TO 10195 15:00 - 06:00 15.00 DRL 9.50 DRL DRILLING 10195' TO 15243' 2/25/2007 06:00 - 15:30 15:30 - 16:30 1.00 CIRC CIRC GAS OUT BUILD PILL 16:30 - 17:00 0.50 SUR DROP SURVEY PUMP PILL TRIP OUT FOR BIT #7 17:00 - 23:30 10 6.50 TRP 23:30 - 01:00 1.50 TRP CHANGE OUT BIT + MUD MOTER TRIP IN HOLE TO SHOE 10 01:00 - 03:00 2.00 RIG **CUT DRILLING LINE** 03:00 - 05:00 2.00 TRP 10 TRIP IN HOLE TO 5400' 1.00 CIRC 05:00 - 06:00 1 10 CIRC GAS OUT 2/26/2007 T.I.H. W/ BIT #7 TIGHT SPOT @ 9500\* 06:00 - 08:00 2.00 TRP 1.00 TRP PULL FREE LAY DOWN 24 JT DP 08:00 - 09:00 10 0.50 TRP 10 09:00 - 09:30 T.I.H. 7 STANDS WASH & REAM F/ 9500 TO 10243' =743' TO BOTTEM 09:30 - 15:00 5.50 REAM 15:00 - 16:30 1.50 DRL DRILLING F/ 10243 ' TO 10261' RIG SERVICE 16:30 - 17:00 0.50 RIG 17:00 - 06:00 13.00 DRL DRILLING F/ 10261' TO 10730' 2/27/2007 06:00 - 16:00 10.00 DRL DRILL FROM 10730 TO 10939'. 16:00 - 16:30 0.50 RIG RIG SERVICE 16:30 - 17:00 0.50 DRL DRILL FROM 10939' TO 10950'. TD WELL 2/26/2007 @ 1700. 3' CONNECTION

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#### **Operations Summary Report**

Well Name: GB 16ML-20-8-22 Location: 20- 8-S 22-E 26

Rig Name:

Spud Date: 1/16/2007

Rig Release: Rig Number:

Sub **Description of Operations** Date From - To Hours Code Code 2/27/2007 16:30 - 17:00 0.50 DRL CIRC AND COND. BOTTOMS UP. 1.50 CIRC 17:00 - 18:30 SHORT TRIP TO 9400'. HOLE LOOKING GOOD. 5' TRIP FLARE. 18:30 - 20:30 2.00 TRP 14 20:30 - 22:00 1.50 CIRC CIRC AND CONDITION. LOSS ALL CIRCULATION. WHEN DRY JOB WAS NEAR TO SURFACE. MUD WT 10.3 VIS 55 LCM% 18% LOSS 205 BBLS OF MUD DOWN HOLE BEFORE REGAINING 90% CIRC. 22:00 - 01:00 3.00 CIRC 2 REBUILD VOLUME. RAISED LCM TO 25%. WT 10.+ VIS 55. 100% CIRC. PUMP SURVEY. PUMP 12.5# PILL. TRIP OUT FOR LOGS UP TO 9500'. 01:00 - 02:30 1.50 TRP CIRC. PUMP ANOTHER 12.5# 40 BBLS PILL 0.50 CIRC 02:30 - 03:00 3.00 TRP TRIP OUT FOR LOGS. 03:00 - 06:00 TRIP OUT FOR LOGS. STAND MOTOR BACK SLM 10962'. 3.50 TRP 2/28/2007 06:00 - 09:30 RIG UP LOGGERS, TOOLS BRIDGE OF @ 5500', LAY DOWN BOW SPRING, 6.50 LOG 09:30 - 16:00 BRIDGE OUT AT 8510'. LOG TO SURFACE, LAY DOWN TOOLS, 16:00 - 16:30 0.50 RIG LAY DOWN MUD MOTOR, M/U BIT #8RR, TRIP IN HOLE, FILL BHA WITH MUD. 16:30 - 21:30 5.00 TRP 2 TRIP TO 7500' FILL PIPE AND CIRC. 21:30 - 22:00 0.50 CIRC TRIP IN HOLE BRIDGE @ 8510' 1.00 TRP 22:00 - 23:00 0.50 REAM WASH AND REAM 8510 TO 8550' 23:00 - 23:30 LOSSING 30% MUD, BUILD VOLUME, CONTROL LOSSES. CIRC OUT GAS 5' 1.00 CIRC 23:30 - 00:30 0.50 TRP TRIP IN HOLE TO 9710' 00:30 - 01:00 CIRC OUT HEAVY PILL, RAISE LCM TO 28%, 10 BBL HR LOSSES, 15' TRIP 01:00 - 02:30 1.50 CIRC FLARE TRIP IN HOLE., P/U 1 JT TO TAG BOTTOM 10950'. 1.00 TRP 2 02:30 - 03:30 CIRC. RAISE LCM TO 30%, NO LOSSES MUD WT 10.2 VIS 55, 20' TRIP 2.00 CIRC 03:30 - 05:30 FLARE. MIX 12.5# 40 BBL PILL AND PUMP. 2 TRIP OUT FOR LOGS. (SPOT SECOND PILL @ 9500') 0.50 TRP 05:30 - 06:00 TRIP OUT OF HOLE TO 9500' 3/1/2007 06:00 - 07:00 1.00 TRP 07:00 - 08:00 1.00 TRP TRIP IN THE HOLE 5.00 WOT WAIT FOR LOGGING TOOL FROM CASPER WYOMING. 08:00 - 13:00 13:00 - 14:00 1.00 TRP TRIP OUT OF HOLE 9500' 0.50 CIRC **PUMP 12.5# SLUG 40 BBLS** 14:00 - 14:30 TRIP OUT OF HOLE. FUNCTION RAMS. 14:30 - 20:00 5.50 TRP WAIT ON SCHLUMBERGER 0.50 WOT 20:00 - 20:30 P/U DRILL STRING LOGGING TOOLS. HOLD SAFETY MEETING. 3.00 TRP 20:30 - 23:30 FIX BROKEN AIRLINE ON AIR SPINNERS. 23:30 - 00:00 0.50 RIG TRIP IN HOLE. FILL BHA WITH MUD. TRIP TO 5500' 2.00 TRP 00:00 - 02:00 0.50 CIRC BREAK CIRC. 02:00 - 02:30 TRIP IN TO 9500'. 02:30 - 04:30 2.00 TRP 04:30 - 05:00 0.50 CIRC ATTEMPTED TO BREAK CIRC. WOULD NOT CIRC. 05:00 - 06:00 1.00 TRP TRIP TO 7500' LOSS CIRC. 550 BBLS. REGAIN CIRC. BUILD VOLUME. 3.00 CIRC 3/2/2007 06:00 - 09:00 09:00 - 10:00 1.00 TRP TRIP IN HOLE. TO 9300' 1.00 CIRC CIRC. OUT HEAVY PILL 10:00 - 11:00 TRIP IN HOLE, TIGHT HOLE @ 9400'. 11:00 - 11:30 0.50 TRP 12 WASH AND REAM 9400'- 9570'. 1.50 REAM 11:30 - 13:00 TRIP IN HOLE TO 10950'. 1.00 TRP 2 13:00 - 14:00 CIRC. OUT GAS BUBBLE 15' FLARE. RIG UP LAYDOWN CREW (WESTATES) 1.50 CIRC 14:00 - 15:30 PUMP 12.5 PILL 40 BBLS. SAFETY MEETING. LODP TO 9000'. 15:30 - 17:30 2.00 TRP PUMP 12.5# 40 BBL PILL. 17:30 - 18:00 0.50 CIRC

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#### **Operations Summary Report**

Well Name: GB 16ML-20-8-22 Location: 20- 8-S 22-E 26 Rig Name:

Spud Date: Rig Release: Rig Number: 1/16/2007

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/2/2007	18:00 - 04:30	10.50		3	LAY DOWN DRILL PIPE. BREAK KELLY, LAY DOWN DRILL COLLARS AND LOGGING TOOLS. NO LOSS NO GAIN ON TRIP.
	04:30 - 05:00		OTH		PULL WEAR BUSHING.
	05:00 - 06:00		CSG	1	RIG UP CSG CREW.
3/3/2007	06:00 - 07:00		CSG	1	RIG UP CSG CREW.
	07:00 - 10:00		CSG	2	RUN 4 1/2 " CSG TO 2500' HOLE NOT DISPLACING
	10:00 - 10:30		CIRC	1	CIRC. HOLE TILL GOOD RETURNS.
	10:30 - 12:00		CSG	2	RUN CSG TO 5000'
	12:00 - 12:30		CIRC	1	CIRC WITH GOOD RETURNS
	12:30 - 14:00		CSG	2	RUN CSG TO 7500'
	14:00 - 14:30		CIRC	1	CIRC WITH GOOD RETURNS
	14:30 - 15:30		CSG	2	RUN CSG TO 9300' HOLE STOPS DISPLACING
	15:30 - 17:00		CIRC	1	CIRC. HOLE. CIRC OUT 12.5 # PILL 15' FLARE.
	17:00 - 18:30	1.50	CSG	2	RUN CSG TAG @ 10950' 258 JTS 4.5" 11.6# HC P-110 SET WASATCH MARKER @ 5587.68, SET MESA VERDE MARKER @ 8371.25 FLOAT COLLAR @ 10906.70. FLOAT SHOE @ 10950.16.
	18:30 - 20:30		CIRC	1	CIRC. OUT GAS. RIG DOWN CSG CREW AND LAYDOWN TRUCK, RIG UP CEMENTERS.
	20:30 - 00:30	4.00	CMT	2	CEMENT WITH 495 BBLS( 730 sx)LEAD 11.0# AND 427 BBLS(1920 sx) OF TAIL @ 14.3# . LOSS RETURNS 10 BBLS BEFORE DISPLACEMENT. REGAIN PARTIAL CIRC. THROUGH OUT DISPLACEMENT. NO CEMENT TO SURFACE. RIG DOWN CEMENTERS.
	00:30 - 05:30	5.00	CSG	7	SET SLIPS WITH 122,000#, NIPPLEDOWN CUT OFF CSG JT.
	05:30 - 06:00		LOC	7	CLEAN PITS.
3/4/2007	06:00 - 11:30	5.50	LOC	7	SHIPPED 500 BLS OF MUD TO STORAGE. CLEAN PITS. RIG RELEASE 3/3/2007 11:30.
	11:30 - 06:00	18.50		1 1	RIG DOWN.
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#### **Operations Summary Report**

Well Name: GB 16ML-20-8-22 Location: 20- 8-S 22-E 26 Rig Name:

Spud Date: Rig Release: Rig Number: 1/16/2007

10.0	TRP	2	On 3/16/07 Initial Completion Report.  MIRU RMWS #3. NDWH & NU 7-1/16" 5K BOP. PU & RIH w/ 3-7/8" smith bit, 4-1/2" csg scraper, 1 jt 2-3/8" N-80 tbg, 1.81" F-Nipple & 306 jts new N-80 2-3/8" tbg to 9990'. SWIFWE. Lock rams.  Csg Size: 4-1/2" 11.6# P-110 Csg Depth: 10950' On 3/19/07, finish RIH w/ 3-7/8" smith bit, 4-1/2" csg scraper, 1 jt 2-3/8" N-80 tbg, 1.81" F-Nipple & 333 jts new N-80 2-3/8" tbg to tag @ 10844'. Circulate well celan w/ 155 bbls 2% KCL water. POOH w/ bit & scraper. ND BOP & NU 4-1/16" 10K frac valve. Pressure test csg & frac valve to 5000#. OK. Bled off & SWIFN.  24 Hr Forecast: Will be on standby until Thursday Frac.  Csg Size: 4-1/2" 11.6# P-110 Csg Depth: 10950' On 3/22/07 MIRU Halliburton frac crew & Cutters WL. Pre-job safety meeting. Zone 1 - Lower Mesa Verde - Perf per CBL dated 3/14/07 intervals 10672' - 10776'; 10636' - 10642' & 10482' - 10488'. Frac w/ Delta 200 fluidsystem. Breakdown 4544#. Pumped 400 gals HCL ahead of 361 bbls pad. Ramp. 5 - 4 ppg 20/40 Econoprop Sand in 988 bbls fluid. Flush w/ 400 gals 28% HCL in 171 bbls water. Total Load = 1430 bbls, Total sand = 102,000#. Avg rate = 44 BPM; max rate = 52 bpm. Avg PSI = 5097#; Max PSI = 7596#. ISIP = 3537#. FG=(.77).
			Csg Depth: 10950' On 3/19/07, finish RIH w/ 3-7/8" smith bit, 4-1/2" csg scraper, 1 jt 2-3/8" N-80 tbg, 1.81" F-Nipple & 333 jts new N-80 2-3/8" tbg to tag @ 10844". Circulate well ceian w/ 155 bbls 2% KCL water. POOH w/ bit & scraper. ND BOP & NU 4-1/16" 10K frac valve. Pressure test csg & frac valve to 5000#. OK. Bled off & SWIFN.  24 Hr Forecast: Will be on standby until Thursday Frac.  Csg Size: 4-1/2" 11.6# P-110 Csg Depth: 10950' On 3/22/07 MIRU Halliburton frac crew & Cutters WL. Pre-job safety meeting. Zone 1 - Lower Mesa Verde - Perf per CBL dated 3/14/07 intervals 10672' - 10776'; 10636' - 10642' & 10482' - 10488'. Frac w/ Delta 200 fluidsystem. Breakdown 4544#. Pumped 400 gals HCL ahead of 361 bbls pad. Ramp .5 - 4 ppg 20/40 Econoprop Sand in 988 bbls fluid. Flush w/ 400 gals 28% HCL in 171 bbls water. Total Load = 1430 bbls, Total sand = 102,000#. Avg rate = 44 BPM; max rate = 52 bpm. Avg PSI = 5097#; Max PSI = 7596#. ISIP = 3537#. FG=(.77).
00 10.00	STIM	3	Csg Size: 4-1/2" 11.6# P-110 Csg Depth: 10950' On 3/22/07 MIRU Halliburton frac crew & Cutters WL. Pre-job safety meeting. Zone 1 - Lower Mesa Verde - Perf per CBL dated 3/14/07 intervals 10672' - 10776'; 10636' - 10642' & 10482' - 10488'. Frac w/ Delta 200 fluidsystem. Breakdown 4544#. Pumped 400 gals HCL ahead of 361 bbls pad. Ramp. 5 - 4 ppg 20/40 Econoprop Sand in 988 bbls fluid. Flush w/ 400 gals 28% HCL in 171 bbls water. Total Load = 1430 bbls, Total sand = 102,000#, Avg rate = 44 BPM; max rate = 52 bpm. Avg PSI = 5097#; Max PSI = 7596#. ISIP = 3537#. FG=(.77).
00 10.01	STIM	3	Csg Depth: 10950' On 3/22/07 MIRU Halliburton frac crew & Cutters WL. Pre-job safety meeting. Zone 1 - Lower Mesa Verde - Perf per CBL dated 3/14/07 intervals 10672' - 10776'; 10636' - 10642' & 10482' - 10488'. Frac w/ Delta 200 fluidsystem. Breakdown 4544#. Pumped 400 gals HCL ahead of 361 bbls pad. Ramp .5 - 4 ppg 20/40 Econoprop Sand in 988 bbls fluid. Flush w/ 400 gals 28% HCL in 171 bbls water. Total Load = 1430 bbls, Total sand = 102,000#. Avg rate = 44 BPM; max rate = 52 bpm. Avg PSI = 5097#; Max PSI = 7596#. ISIP = 3537#. FG=(.77).
			Zone 2 - Lower Mesa Verde. Lube in frac plug @ 10210'. Perforate per CBL dated 3/14/07 intervals 10158' - 10160'; 10137' - 10141'; 9916' - 9920'; 9796' - 9798'; 979741' - 9745'. Frac w/ Delta 200 fluid system. Breakdown 7344#. Pumped 620 bbls pad. Ramp .5 - 4 ppg 20/40 Econoprop Sand in 917 bbl fluid. FLush w/ 400 gal 28% HCL in 156 bbls water. Total load = 1598 bbls. Total sand = 95,100#. Avg rate = 27 BPM; Max rate = 54 BPM; Avg PSI = 5749#; Max PSI = 8282#; ISIP = 3412#. FG = .78. Dropped 72 Bio-Balls. Good ball out. Zone 3 - Lower Mesa Verde. Lube in frac plug @ 9410'. Perf perf CBL dated 3/14/07 intervals 9339' - 9345'; 9134' - 9138'; 9102' - 9108 Frac w/Delta 200 fluid system. Breakdown 3310#. Pumped 455 bbl pad. Ramp 1-4 ppg 20/40 Ottawa Sand in 1351 bbl fluid. Flush w/400 gal 28% Hcl in 150 bbl wtr. Total Load = 1705 bbls. Total sand= 151,000#. Avg Rate=39 bpm. Max Rate= 43 bpm. Avg PSI=3900#. Max PSI =4811#. ISIP=3140#. FG=(.78). Zone 4 - Mesa/Wasatch. Lube in frac plug @ 8450'. Perforate per CBL dated 3-14-07 intervals 8371-77; 8264-74' Frac w/Delta 200 fluid system. Breakdown 2586#. Pumped 153 bbl pad. Ramp 1-5 ppg 20/40 Ottawa Sand in 559 bbl fluid. Flush w/400 gal 28% Hcl in 133 bbl wtr. Total Load=782 bbls. Total sand=76,000# Avg Rate= 32 bpm. Max Rate = 36 bpm, Avg PSI=2801#, Max PSI=3843#. ISIP=2363#. FG=(.72). Zone 5 - Wasatch. Lube in frac plug @ 6910'. Perf per CBL dated 3-14-07 intervals 6873'-89' Frac sw/Delta 200 fluid system. Breakdown 3676#. Pumped 90 bbl pad. Ramp 1-5 ppg 20/40 Ottawa Sand in 343 bbl fluid. Flush w/400 gal 28% Hcl in 112 bbl wtr. Total Load = 519 bbls. Total sand = 45,500#. Avg Rate= 24 bpm. Max Rate = 27 bpm. Avg PSI=1764#. Max PSI=3876#. ISIP=1444#. FG=(.65). Zone 6 - Wasatch. Lube in frac plug @ 6610'. Perf per CBL dated 3-14-07 Intervals 6560-64'; 6458-72'; 6440-44'; 6316-20'. SWIFN.  24 Hr Forecast: will finish frac. Csg Size: 4-1/2" 11.6# P-110

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#### **Operations Summary Report**

Well Name: GB 16ML-20-8-22 Location: 20- 8-S 22-E 26 Rig Name:

Spud Date: Rig Release: Rig Number: 1/16/2007

3/23/2007 06:00 - 16:00 10.00 STIM 3 Csg Depth: 10950'  LLTR: 6034  Perfs: L.Mesaverde 10672' - 10676' 10642' 10482' - 10488' 10158' - 10160' 10137' - 10141' 9916' - 9920' 9786' - 9798' 9741' - 9745' 9339' - 9345' 9134' - 9138' 9102' - 9108' Mesaverde 8371' - 8377' Wasatch 8264' - 8274' 6873' - 6889' 6550' - 6564' 6448' - 6472' 6440' - 6444' 6316' - 6320' 3/24/2007 06:00 - 16:00 To.00 STIM 3 On 3-23-07 Pre-job safety meeting. Zone 6 - Wasatch intervals 6560-64'; 6438-72'; 6440-44'; 6316-20'. Frac w. 200 fluid system. Breakdown 2849#. Pumped 406 bbl pad. Ramp 1-5 ppg Ottawa Sand in 1437 bbl fluid. Flush wigs bbl wtr. Total Load=1747 bblsx Sand = 199,400#. Avg Rate = 41 bpm. Avg PSI=199 PSI=2849#. ISIP=1595#. FG=(.69). Shut well in. RDMO Halliburton Frac (RIH w/w/reline & set kill plug @ 6260'. RDMO Cutters WL. ND Frac Valve	
Perfs: L.Mesaverde 10672' - 10676' 10636' - 10642' 10482' - 10488' 10158' - 10160' 10137' - 10141' 9916' - 9920' 9796' - 9798' 9741' - 9745' 9339' - 9345' 9134' - 9138' 9102' - 9108' Mesaverde 8371' - 8377' Wasatch 8264' - 8274' 6873' - 6889' 6560' - 6564' 6468' - 6472' 6440' - 6444' 6316' - 6320'  On 3-23-07 Pre-job safety meeting. Zone 6 - Wasatch intervals 6560-84'; 6438-72'; 6440-44'; 6316-20'. Frac w. 200 fluid system. Breakdown 2849#. Pumped 406 bbl pad. Ramp 1-5 ppg Ottawa Sand in 1437 bbl fluid. Flush w/98 bbl wtr. Total Load=1747 bblsx Sand = 199,400#. Avg Rate = 41 bpm. Max Rate = 47 bpm. Avg PSi=199 PSI=2849#. ISIP=1595#, FG=(.69). Shut well in. RDMO Halliburton Frac in. RIH w/wireline & set kill plug @ 6260'. RDMO Cutters WL. ND Frac Valve	
L.Mesaverde 10672' - 10676' 10636' - 10642' 10482' - 10488' 10158' - 10160' 10137' - 10141' 9916' - 9920' 9796' - 9798' 9741' - 9745' 9339' - 9345' 9134' - 9138' 9102' - 9108' Mesaverde 8371' - 8377' Wasatch 8264' - 6274' 6873' - 6889' 6560' - 6564' 6468' - 6472' 6440' - 6444' 8316' - 6320' Zone 6 - Wasatch intervals 6560-64'; 6438-72'; 6440-44'; 6316-20'. Frac w 200 fluid system. Breakdown 2849#. Pumped 406 bbl pad. Ramp 1-5 pag Ottawa Sand in 1437 bbl fluid. Flush w/98 bbl wtr. Total Load=1747 bblsx Sand = 199,400#. Avg Rate = 41 pbm. Max Rate = 47 bpm. Avg PSI=199 PSI=2849#. ISIP=1595#. FG=(.69). Shut well in. RDMO Halliburton Frac total RIH w/wireline & set kill plug @ 6280'. RDMO Cutters WL. ND Frac Valve	
10672' - 10676' 10636' - 10642' 10482' - 10488' 10158' - 10160' 10137' - 10141' 9916' - 9920' 9796' - 9798' 9741' - 9745' 9339' - 9345' 9134' - 9138' 9102' - 9108' Mesaverde 8371' - 8377' Wasatch 8264' - 8274' 6873' - 6889' 6560' - 6564' 6468' - 6472' 6440' - 6444' 6316' - 6320' 3/24/2007  06:00 - 16:00  STIM  3 On 3-23-07 Pre-job safety meeting. Zone 6 - Wasatch intervals 6560-64'; 6438-72'; 6440-44'; 6316-20'. Frac w. 200 fluid system. Breakdown 2849#. Pumped 406 bbl pad. Ramp 1-5 ppg Ottawa Sand in 1437 bbl fluid. Flush w/98 bbl wtr. Total Load=1747 bblsx Sand = 199,400#. Avg Rate = 41 bpm. Max Rate = 47 bpm. Avg PSI=198 PSI=2849#. ISIP=1595#. FG=(.69). Shut well in. RDMO Halliburton Frac ' RIH w/wireline & set kill plug @ 6260'. RDMO Cutters WL. ND Frac Valve	
10636' - 10642' 10482' - 10488' 10158' - 10160' 10137' - 10141' 9916' - 9920' 9796' - 9798' 9741' - 9745' 9339' - 9345' 9134' - 9138' 9102' - 9108' Mesaverde 8371' - 8377' Wasatch 8264' - 8274' 6873' - 6889' 6560' - 6564' 6468' - 6472' 6440' - 6444' 6316' - 6320' Zone 6 - Wasatch intervals 6560-64'; 6438-72'; 6440-44'; 6316-20'. Frac w. 200 fluid system. Breakdown 2849#. Pumped 406 bbl pad. Ramp 1-5 ppg Ottawa Sand in 1437 bbl fluid. Flush w/98 bbl wtr. Total Load=1747 bblsx Sand = 199,400#. Avg Rate = 41 bpm. Max Rate = 47 bpm. Avg PSI=12849#. ISIP=1595#. FG=(.69). Shut well in. RDMO Halliburton Frac RIH w/wireline & set kill plug @ 6260'. RDMO Cutters WL. ND Frac Valve	
10482' - 10488' 10158' - 10160' 10137' - 10141' 9916' - 9920' 9796' - 9798' 9741' - 9745' 9339' - 9345' 9134' - 9138' 9102' - 9108' Mesaverde 8371' - 8377' Wasatch 8264' - 8274' 6873' - 6889' 6560' - 6564' 6468' - 6472' 6440' - 6444' 6316' - 6320' Zone 6 - Wasatch intervals 6560-64'; 6438-72'; 6440-44'; 6316-20'. Frac w. 200 fluid system. Breakdown 2849#. Pumped 406 bbl pad. Ramp 1-5 ppg Ottawa Sand in 1437 bbl fluid. Flush w/99 bbl wtr. Total Load=1747 bblsx Sand = 199,400#. Avg Rate = 41 bpm. Max Rate = 47 bpm. Avg PSI=199 PSI=2849#. ISIP=1595#. FG=(.69). Shut well in. RDMO Halliburton Frac ' RIH w/wireline & set kill plug @ 6260'. RDMO Cutters WL. ND Frac Valve	
10158' - 10160' 10137' - 10141' 9916' - 9920' 9796' - 9798' 9741' - 9745' 9339' - 9345' 9134' - 9138' 9102' - 9108' Mesaverde 8371' - 8377' Wasatch 8264' - 8274' 6873' - 6889' 6560' - 6564' 6468' - 6472' 6440' - 6444' 6316' - 6320' Zone 6 - Wasatch intervals 6560-64'; 6438-72'; 6440-44'; 6316-20'. Frac w 200 fluid system. Breakdown 2849#. Pumped 406 bbl pad. Ramp 1-5 ppg Ottawa Sand in 1437 bbl fluid. Flush w/98 bbl wtr. Total Load=1747 bblsx Sand = 199,400#. Avg Rate = 41 bpm. Max Rate = 47 bpm. Avg PSI=199 PSI=2849#. ISIP=1595#. FG=(.69). Shut well in. RDMO Halliburton Frac ' RIH w/wireline & set kill plug @ 6260'. RDMO Cutters WL. ND Frac Valve	
10137' - 10141' 9916' - 9920' 9796' - 9798' 9741' - 9745' 9339' - 9345' 9134' - 9138' 9102' - 9108' Mesaverde 8371' - 8377' Wasatch 8264' - 8274' 6873' - 6889' 6560' - 6564' 6468' - 6472' 6440' - 6444' 6316' - 6320' Zone 6 - Wasatch intervals 6560-64'; 6438-72'; 6440-44'; 6316-20'. Frac w. 200 fluid system. Breakdown 2849#. Pumped 406 bbl pad. Ramp 1-5 ppg Ottawa Sand in 1437 bbl fluid. Flush w/98 bbl wtr. Total Load=1747 bblsx Sand = 199,400#. Avg Rate = 41 bpm. Max Rate = 47 bpm. Avg PSI=198 PSI=2849#. ISIP=1595#. FG=(.69). Shut well in. RDMO Halliburton Frac ' RIH w/wireline & set kill plug @ 6260'. RDMO Cutters WL. ND Frac Valve	
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Bleed well off. RIH w/ 3 7/8" cone bit, shear sub, 1 jt tbg, 1.81" f-nipple & 2 N-80 tbg to kill plug. RU drilling equipment & drill up kill plug @ 6260'. RIH up frac plugs @ 6610' & 6910'. Circulate clean w/80 bbls 2% KCL wtr & pu above perfs to 6200'.  SWIFN & lock rams.  24 Hr Forecast: will finish frac.	20/40 . Total :8#. Max Crew. & NU 3/8"
Csg Size: 4-1/2" 11.6# P-110	
Csg Depth: 10950'	
Land Community Cond	
Load from yesterday: 6034	
Plus water today: 1747   LLTR: 7781	
Perfs:	
L.Mesaverde 10672' - 10676'	
10072 ~ 10070	

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#### **Operations Summary Report**

Well Name: GB 16ML-20-8-22 Location: 20- 8-S 22-E 26 Rig Name:

Spud Date: Rig Release: Rig Number: 1/16/2007

	0.00 STIM	7	10636' - 10642' 10482' - 10488' 10158' - 10160' 10137' - 10141' 9916' - 9920' 9796' - 9798' 9741' - 9745' 9339' - 9345' 9134' - 9138' 9102' - 9108' Mesaverde 8371' - 8377' Wasatch 8264' - 8274' 6873' - 6889' 6560' - 6564' 6468' - 6472' 6440' - 64444' 6316' - 6320'
			On 3-24-07 SICP=1800#. Blow well down. With bit @ 6200'. RIH w/3 7/8" bit, shear sub, 1 jt tbg, 1.81" f-nipple & 2 3/8" N-80 tbg to frac plug. RU drilling equipment & drill up frac plug @ 8450', 9410', 10210'. RIH & clean out sand f/10730' to PBTD @ 10855'. Circulate clean w/140 bbls 2% KCL wtr. LD 13 jts tbg. Land tbg on hanger @ 10419' & f-nipple @ 10386'. ND BOP & NUWH to flow manifold. Drop ball & pump bit off @ 1400#. Well not flowing. Made 3 swabr uns & recovered 12 bbls fluid. IFL=1600'. Tbg kicked off w/400# on csg. Turn well over to flow watch @ 4:00 pm. makine 40 bph. 6:00 pm has 1050# on tbg, 700# on csg, on 24/64' choke, making 40 bph. 3/25/07 12:00 am has 1050# on tbg, 1500# on csg, on 24/64' choke, making 30 bph. 6:00 am has 1025# on tbg, 1850# on csg, on 24/64'' choke, making 25 bph. 12:00 pm has 950# on tbg, 1750# on csg, on 24/64'' choke, making 15 bph. 6:00 pm has 925# on tbg, 1675# on csg, on 24/64'' choke, making 15 bph. 6:00 pm. Shut well in w/900#on tbg, 1650# on csg, on 24/64'' choke, making 15 bph. Total Load recoverd was 760 bbls 7021 BLLTR.  24 Hr Forecast: will NUWH to sales line & turn over to production  Csg Size: 4-1/2" 11.6# P-110  Csg Depth: 10950'  Load from yesterday: 6034  Minus daily recovery: 760  Plus water today: 1747  LLTR: 7021  Perfs:  L.Mesaverde 10672' - 10676' 10636' - 10642'
			10482' - 10488' 10158' - 10160' 10137' - 10141'

Page 4 of 5

#### **Operations Summary Report**

Well Name: GB 16ML-20-8-22 Location: 20- 8-S 22-E 26 Rig Name:

1/16/2007

Spud Date: Rig Release: Rig Number:

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/26/2007	From - To 06:00 - 16:00	10.00	PTST	Code 7	9916' - 9920' 9796' - 9798' 9741' - 9745' 9731' - 9745' 9731' - 9745' 9731' - 9345' 9102' - 9108' Messaverde 8371' - 8377' Wasatch 8264' - 8274' 6873' - 6889' 6560' - 6564' 6488' - 6472' 6440' - 6444' 6316' - 6320'  Tubing Depth KB 17.00 17.00 Hanger 0.85 17.85 319 jis 2-3/8' N-80 10367.54 10386.30 1, its 2-3/8' N-80 10367.54 10386.30 1, its 2-3/8' N-80 32.52 10418.82 NC BIT SUB 0.91 10419.73 Tubing tail @: 104

Page 5 of 5

#### **Operations Summary Report**

Well Name: GB 16ML-20-8-22 Location: 20- 8-S 22-E 26 Rig Name:

Spud Date: Rig Release: Rig Number: 1/16/2007

3/27/2007 06:00 - 16:00 10.00 PTST 7 6560' - 6564' 6468' - 6472' 6440' - 6444' 6316' - 6320'  Tubing Depth KB 17.00 17.00 Hanger 0.85 17.85 319 jts 2-3/8" N-80 10367.54 10385.39 1.81" F-NIPPLE 0.91 10386.30 1 jts 2-3/8" N-80 32.52 10418.82 NC BIT SUB 0.91 10419.73 Tubing tail @: 10419.73	Date From - To	Hours Code	Date From -	Sub	Description of Operations
	Date From - To				168' - 6472' 140' - 6444' 116' - 6320' 1bing Depth 3 3 17.00 17.00 3anger 0.85 17.85 9 jts 2-3/8" N-80 10367.54 10385.39 81" F-NIPPLE 0.91 10386.30 tjs 2-3/8" N-80 32.52 10418.82 C BIT SUB 0.91 10419.73 1bing tall @: 10419.73

Form 3160-4 (November 1983) (formerly 9-330)

1a. TYPE OF WELL

NEW WELL X

At total depth

DATE SPUDDED

01/16/07

10.950

20. TOTAL DEPTH MD & TVD

CASING SIZE

9-5/8"

4-1/2"

SIZE

DATE FIRST PRODUCTION

DATE OF TEST

03/28/07

FLOW. TUBING PRESS.

838

SOLD

03/26/07

NAME OF OPERATOR

#### UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE

(See other in-

Form approved. Budget Bureau No. 1004-0137 Expires August 31, 1985

06/06/07

DATE

BUREAU OF LAND MANAGEMENT guetions on LEASE DESIGNATION AND SERIAL NO. UTU-74493 IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG\* N/A UNIT AGREEMENT NAME Oil GAS N/A WELL  $\mathbf{x}$ DRY WELL. TYPE OF COMPLETION FARM OR LEASE NAME WORK DEEP PLUG DIFF EN BACK RESVR OVER WELL NO. GB 16ML 20 8 22 QUESTAR EXPLORATION & PRODUCTION CO. 10. FIELD AND POOL, OR WILDCAT 435-781-4342 Contact: Dahn Caldwell ADDRESS OF OPERATOR Fax # 435.781.4357 1571 East 1700 South - Vernal, UT 84078 GLEN BENCH LOCATION OF WELL (Report location clearly and in accordance with any State requirements) 11. SEC.,T., R., M., OR BLOCK AND SURVEY At surface SESE, SEC 20-T8S-R22E, 556' FSL, 605' FEL OR AREA SEC 20-T8S-R22E SESE, SEC 20-T8S-R22E, 556' FSL, 605' FEL At top rod, interval reported below SESE, SEC 20-T8S-R22E, 556' FSL, 605' FEL COUNTY OR 13. STATE DATE ISSUED 12 PERMIT NO. PARISH UINTAH TIT 43-047-37664 19. ELEV. CASINGHEAD 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 17. DATE COMPL. (Ready to prod.) 16. DATE T.D. REACHED 3/26/07 02/26/07 ROTARY TOOLS CABLE TOOLS 23. INTERVALS 22. IF MULTIPLE COMPL., 21. PLUG BACK T.D., MD & TVD ECEIVED HOW MANY 10,855 25. WAS DIRECTIONAL 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\* JUN 1 1 2007 SURVEY MADE **SEE ATTACHMENT PAGE 1** NO DIV. OF OIL, GAS & MINING 27. WAS WELL CORED TYPE ELECTRIC AND OTHER LOGS RUN CBL/GR & CASING COLLAR LOCATOR, HRI, SPECTRAL DENSITY DSN, HLS TRIPLE COMBO SLB LWD IND. NO CASING RECORD (Report all strings set in well) AMOUNT PULLED CEMENTING RECORD DEPTH SET (MD) WEIGHT, LB/FT 400 SXS 12-1/4" 36# 750 2,650 SXS 7-7/8 10,950 11.6# TUBING RECORD LINER RECORD PACKER SET (MD) DEPTH SET (MD) SACKS CEMENT\* SCREEN (MD) SIZE TOP (MD) BOTTOM (MD) 10,420 2-3/8" ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC 31. PERFORATION RECORD (Interval, size and number) AMOUNT AND KIND OF MATERIAL USED DEPTH INTERVAL (MD) **SEE ATTACHMENT PAGE 1** SEE ATTACHMENT PAGE 1 **SEE ATTACHMENT PG 1** WELL STATUS (Producing or PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) shut-in) PRODUCING **FLOWING** GAS-OIL RATIO GAS-MCF. WATER-BBL HOURS TESTED CHOKE SIZE PROD'N FOR OIL-BBL TEST PERIOD 1174 159 17.5/64" 24 OIL GRAVITY-API (CORR.) GAS--MCF WATER-BBL OIL-BBL CASING PRESSURE CALCULATED 24-HOUR RATE 1565 TEST WITNESSED BY DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) LIST OF ATTACHMENTS

**COMPLETION SUPERVISOR** TITLE SIGNED JIM SIMONTON (See Instructions and Spaces for Additional Data on Reverse Side)

WELLBORE SCHEMATIC & PERFORATION DETAIL ATTACHMENT PAGE 1

I hereby certify that the foregoing and attached information is complete and correct as determined

recoveries):	T	Dommon (	DECOMPOSION CONTENTED FOR		GB 16ML 20 8 22		
FORMATION NTA	TOP SURFACE	ВОТТОМ	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE	
REEN RIVER ASATCH ESA VERDE )	2506' 5646' 8411' 10950'			UINTA GREEN RIVER WASATCH MESA VERDE TD	SURFACE 2506' 5646' 8411' 10950'	VERT. DEPTH	
		CONFI	DENTIAL				
			TENTIAL				

### **GB 16ML 20 8 22 - ATTACHMENT PAGE ONE**

#### **PERFORATION DETAIL:**

PERFORATION	DETAIL:					# 2 - 2 <b>#</b> # }
<u>Open Perfs</u>	Stimulation		at 1000 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Mayor or a second of the construction	Perf Status
6316′ – 6320′ 🧻				:		Open – Wasatch
6440' – 6444'						Open – Wasatch
6468' – 6472'	Frac w/	199,400	Lbs in	73,374	Gals	Open – Wasatch
6560' - 6564'						Open – Wasatch
6873' – 6889'	Frac w/	45,000	Lbs in	21,798	Gals	Open – Wasatch
8264' – 8274'						Open – Wasatch
8371' – 8377'	Frac w/	76,000	Lbs in	32,844	Gals	Open – LMV
9102'- 9108'		en la serie province of common series but the				Open - LMV
9134' - 9138'	Frac w/	151,000	Lbs in	71,610	Gals	Open - LMV
9339′ – 9345′					<u> </u>	Open - LMV
9741' – 9745'		7.771.11 C				Open - LMV
9796' – 9798'						Open - LMV
9916' – 9920'	➤ Frac w/	95,100	Lbs in	67,116	Gals	Open - LMV
10137' - 10141'						Open - LMV
10158′ – 10160						Open - LMV
10482' – 10488'						Open - LMV
10636' - 10642'	Frac w/	102,000	Lbs in	60,060	Gals	Open - LMV
10672' - 10676'						Open - LMV

UT08695P20 FIELD: Glen Ben	ch	GL: 4,879 ' I	(BE: 4,896 '	Spud Date: 1-16-07 Completion dat	e: 3-26-07
Well: GB 16ML	-20-8-22		PBTD: 10,855 '	Current Well Status:	and this
Location - surface: Location - bottom hole:	556' FSL, 605' FEL, SE/S	E Sec. 20, T8S, R2	2E	Reason for Pull/Workover: Initial c	ompletion
API#:43-047- 37664		Uintah County, Ut	ah	Deviation: Less than 1 deg/100'	
	Wellbore	7			
	Schematic			Tubing Landing Detail:  Description Size	Footage Depth
				КВ	17.00 17.00 0.85 17.85
Surface casing Size: 9-5/8"	gr- \			Hanger 319   fts 2-3/8" N-80	10,367.54 10,385.39
Weight: 36#				1.81" F-nipple	0.91 10,386.30 32.52 10,418.82
Grade: J-55 Set @ 750				1 jts 2-3/8" N-80 NC bit sub	32.52 10,418.82 0.91 10,419.73
Set @ 750 Cmtd w/ sk 400				ЕОТ Ф	10,419.73
lole size: 12-1/4"				Tubing Information:	
				Condition:	
		TOC @	1200	New: x Used: Ren Grade: N-80	n:
		100 @	1250	Weight (#/ft): 4.7#	
XCLUDED PERFS		OPEN PERFS			
				Welthead Detail: Example: 7-1/16* 300	0#
				4- 1/16" 10K	
				Other: Hanger: Yes x No	
				SUMMARY 3-22-07	
				Zone 1 Frac w/ 102,000# Econo Prop	L. Mesaverde 10482'-10676
			ŀ	Zone 2 Frac w/ 95,000# Econoprop sand.  Zone 3 Frac w/ 151,000# Ottawa sand.	L. Mesaverde 9741'-10160' L. Mesaverde 9102'-9345'
			!	Zone 4 Frac w/ 76,000# Ottawa sand.	Mesa/Wasatch 8264'-8377'
				Zone 5 Frac w/ 45,500# Ottawa sand.  Zone 6 Frac w/ 199,400# Ottawa sand.	Wasatch 6873'-6889' Wasatch 6316'-6564'
				3-26-07 Turned well over to production.	
			[		
			İ		
		6316'-6320'	Wasatch		
		6440'-6444' 6468'-6472'	Wasatch Wasatch		
		6560'-6564'	Wasatch		
		6873'-6889'	Wasatch		
		8264'-8274' 8371'-8377'	Wasatch Mesaverde		
		9 03/1 03//	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		9102'-9108'	L. Mesaverde		
		9134'-9138' 9339'-9345'	L. Mesaverde L. Mesaverde		
		= 9339-9343	L. Plesaverde		
		9741'-9745'	L. Mesaverde		
		9796'-9798' 9916'-9920'	L. Mesaverde L. Mesaverde		
		10137'-10141'	L. Mesaverde		
		10158'-10160'	L. Mesaverde		
		F-nipple @ EOT @	10386 10420		
		20.6	20.20		
	1		1 Managarda		
Production Casing Size: 4-1/2"			L. Mesaverde L. Mesaverde		
		=	L. Mesaverde		
Weight: 11.6#	9072			i talih	CALTIAI
Weight: 11.6# Grade: P-110		PRTTO @	10855 '		IN MAL
Weight: 11.6#		PBTD @	10855 '	CONFID	

Prepared By: Todd Seiffert

Form	3160-5
Clune	1990)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM	APPRO	VE

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir

UTU-74493

• •	Well X well Other  Of Operator  ESTAR EXPLORATION AND PRODUCTION COMPANY  as and Telephone No.  Dyth Street, Suite 500 Denver CO 80265  On of Well (Postage, Sec. T. R. M. or Survey Description)  5' FSL, 605' FEL; SESE S20-T8S-R22E  CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Abandonment  Recompletion  Pugging Back  Chaing Repair  Aloring Casing  Other Commingling  Other Commingling  Other Commingling  Other Commingling of production between intervals in the GB 16M indigning to be in the public interest in that if promotes maximum ultimate economic recovery, prevents waste, provinction of oil and gas and presents no detrimental effects from commingling the two gas streams.  Star requests approval for the commingling of production between the Mesa Verde and Wasatch formations. That allocation would be:  Vasatch Production:  44% - for 44' of net pay  The Mesa Verde and Wasatch formations. That allocation would be:  Vasatch Production:  56' FIL; SESE S20-T8S-R22E  CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT,  Type of ACTION  Type of ACTION  Type of ACTION  Abandonment  Aloring Casing  Other  Commingling  Other  Commingling  Other  Commingling of production between the file word:  One of the Commingling of production between the word:  Star requests approval for the commingling of production between the Mesa Verde and Wasatch intervals. The inite type of the Mesa Verde and Wasatch formations. That allocation would be:  Vasatch Production:  44% - for 44' of net pay  In annual basis the gas will be sampled and a determination will be made of the BTU content and gas constituents. The inite of the gas allocation is changing over time. If these samples no not indicate that any adjustments in Programment of the gas allocation is changing over time. If these samples no not indicate that any adjustments in Programment of the gas allocation is changing over time. If these samples no not indicate that any adjustments	
SURM	IT IN TRIPI ICATE	
I Type of Well	II IN THE LICATE	<del></del>
Oil Gas		Gien Beneu
Well Well Other		8. Well Name and No.
2. Name of Operator		GB 16ML 20 8 22
QUESTAR EXPLORATION AND PRODUCTIO	N COMPANY	9. API Well No.
3. Address and Telephone No.	Contact: Debbie Stanberry	43-047-37664
·	· · · · · · · · · · · · · · · · · · ·	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	2 1010 (000) 000	
FEGURO CONTROL CECE CON TO	s paar	
330 FSL, 603 FEL; SESE 520-183	5-K22E	
		UINTAH COUNTY, UTAH
12. CHECK APPROPRIATE D	OV(-) TO INDICATE NATION OF NOTICE D	
CHECK APPROPRIATE B	OX(S) TO INDICATE NATURE OF NOTICE, R	EPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF AC	TION
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
<u></u>		Trouble Tractaing
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing	Commission of Indicate
	, vocating casing	Conversion to injection
	X Other Commingling	Dispose Water
		(Note) Report results of multiple completion on Well
13 Describe Proposed or Completed Operations (Clerk, state all a state		Completion or Recompletion Report and Log form.)
give subsurface locations and measured and true vertical depths for all m	arkers and zones pertinent to this work)	
"In compliance with the stated objectives of the Fe	deral Regulations for Onshore Oil & Gas Operations and	the applicable Federal Unit Agreement, Questar
commingling to be in the public interest in that it r	uests the commingling of production between intervals in t promotes maximum ultimate economic recovery, prevents y	he GB 16ML 20 8 22. Questar considers this
production of oil and gas and presents no detrimen	ntal effects from commingling the two gas streams.	vasic, provides for orderly and emicient
	· · · · · -	
Questar requests approval for the commingling of the net nay of the Mesa Verde and Wasatch forma	production between the Mesa Verde and Wasatch interval	s. The initial allocation is being estimated from
Wasatch Production: 44% - for 44' of no	et pay	
Mesa Verde Production: 56% - for 54' of no	et pay	
On an annual basis the gas will be sampled and a	letermination will be made of the RTU content and gas con	estituante. These enquel comples can be used to
determine if the gas allocation is changing over tin	ie. If these samples do not indicate that any adjustments in	Diversion are necessary they may be
SUBMIT IN TRIPLICATE   1   Type of Neal   Cite		UECEINED
Type of Note   SUBMIT IN TRIPLICATE		SEP 1 / 200
Supervisor   Client Ren   Complete   Clienty state all personne death, and pipe performs that societies and managed and the supervisor of completes of the Complete Operation of Operations and managed and the supervisor of the Complete Operation of Operations and managed and the supervisor of the Complete Operation of Operations and managed and the supervisor of the Complete Operation of One and gas and presents no detrimental effects from commissibility to the Supervisor of Operations		OLI 14 2007
Type of vivil		EOU ora
14. I hereby certify that the foregoing is true and correct	7	OIL, 1740 & MINING
SUBMIT IN TRIPLICATE		Date 9/11/2007
Debra K. Stanberry		7/11/2001
(This space for Federal or State office use)	BEQUEST DENIED	This
Approved by:	Title Utah Division of	-ederal Approval Of This
Conditions of approval, if any	Oil, Gas and Wining	Action is inecessary
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly		false fictitious or fraudulent statements or
representations as to any matter within its jurisdiction.		paise, memious of transmictal statements of

# INTENTS TO COMMINGLE MULTIPLE POOLS IN ONE WELLBORE (R649-3-22)

- 1. An affidavit of notice and a plat were not submitted as required by R649-3-22.
- 2. Future requests for commingling shall include all parts required by R649-3-22 and shall be submitted together as one request, not in separate parts.

From:

"Debbie Stanberry" < Debbie. Stanberry@questar.com>

To:

"Dustin Doucet" <dustindoucet@utah.gov>

Date:

11/2/2007 11:40 AM

Subject:

**RE:** Commingling Requests

Just to let you know I have not forgotten this. I will follow up with our land department next week and hopefully will have the additional information to forward on to you. Thank you for your patience and have a good weekend.

Debbie Stanberry (303) 308-3068

----Original Message----

From: Dustin Doucet [mailto:dustindoucet@utah.gov] Sent: Wednesday, October 24, 2007 11:47 AM

To: Debbie Stanberry

Subject: Commingling Requests

#### Debbie,

I received 4 requests back in September and was getting ready to approve them, but did not have all the info required by our rule R649-3-22. A plat of all wells overlaying the pool, contiguous leases etc. is needed along with an affidavit that the application for commingling has been sent to all owners. The wells in question are as follows:

GB 16ML 20-8-22 API 4304737664 NBE 7ML 26-9-23 API 43-047-36587 GH 15ML 18-8-21 API 43-047-35323 GB 8D-20-8-22 API 43-047-37665

Let me know if you have questions. Thanks.

#### Dustin

Dustin K. Doucet
Petroleum Engineer
Utah Division of Oil, Gas and Mining
Oil and Gas Program
1594 West North Temple, Suite 1210
Salt Lake City, UT 84116

Phone: (801) 538-5281 fax: (801) 359-3940

email: dustindoucet@utah.gov



#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

OMB No. 1004-0137 Expires: July 31, 2010

5. Lease	Serial	No.
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UTU-74493

FORM APPROVED

6. If Indian, Allottee or Tribe Name

		PD) for such propos		N/A	
	T IN TRIPLICATE - Other	instructions on page 2.	7. If Unit of	CA/Agreement, Name GLEN BENCH	and/or No.
1. Type of Well	7.11 <b>–</b>		8. Well Nan	ne and No.	
Oil Well Gas W		<del></del>	O ADIWAL	GB 16ML-20-8	-22
2. Name of Operator QUESTAR EXPLORATION & PROI	DUCTION CO.	CONTACT: Mike Stahl	9. API Well	43-047-37664	
3a. Address 11002 EAST 17500 SOUTH, VERNAL, UTAH	84078	<ul><li>3b. Phone No. (include area</li><li>(303) 308-3613</li></ul>	code) 10. Field an	d Pool or Exploratory A GLEN BENCH	rea
4. Location of Well (Footage, Sec., T.,	R.,M., or Survey Description,		11. Country	or Parish, State	
556' FSL 605' FEL, SESE, SECTION 2	20, T8S, R22E			UINTAH	
12. CHEC	K THE APPROPRIATE BO	X(ES) TO INDICATE NATU	RE OF NOTICE, REPORT	OR OTHER DATA	
TYPE OF SUBMISSION		-	YPE OF ACTION		
✓ Notice of Intent	Acidize Alter Casing	Deepen Fracture Treat	Production (Start/F	Well	r Shut-Off Integrity COMMINGLING
Subsequent Report	Casing Repair Change Plans	New Construction Plug and Abandon	Recomplete Temporarily Abane		- COMMINTOLING
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal		
determined that the site is ready for In Compliance with the Administrative Production Company hereby request the public interest in that it promotes presents no detrimental effects from Questar requests approval for the callocation is as follows: Wasatch Promotes on an annual basis the gas will be sannual samples can be used to determine the production of the callocation are necessive.	ve Utah code for drillling and state the commingling of production of commingling of production of coduction: 44% - for 44' of campled and a determination of the gas allocation of the gas allocation.	duction between intervals in mic recevery, prevents was ams.  of the Wasatch and Mesa V net pay. Mesa Verde on will be made of the BTU is changing over time. If the	the GB 16ML-20-8-22. Gete, provides for orderly and erde intervals. Based upon Production: - 56% for 54 content and gas constitutes samples do not indicate.	Questar considers this not efficient production on offset production lot of net pay, ents. These ate that any COPY SEN	commingling to be in a commingling to be in a commingling to be in a comming the comming t
				Date: 4	14.2009 KS
14. I hereby certify that the foregoing is to	rue and correct. Name (Printed	d/Typed)			
Laura Bills		Title Assoc	iate Regulatory Affairs Ar	nalyst	
Signature Halla	Bills	Date 03/12	2009		
	THIS SDACE	FOR FEDERAL OR S	TATE OFFICE USE	:	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Title

Office

entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would

Approved by

Date Federal Approval Of This

Action Is Necessary

#### AFFIDAVIT OF NOTICE

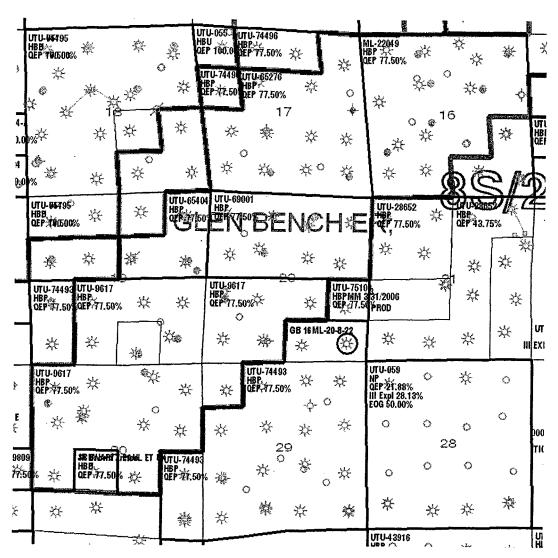
) ) ss:

)

STATE OF COLORADO

COUNTY OF DENVER

	Nathan C. Koeniger, being duly sworn, deposes and says:	
1.	. That I am employed by Questar Exploration and Production capacity as a Landman. My business address is:	Company in the
	Independence Plaza 1050 17 <sup>th</sup> Street, Suite 500 Denver, CO 80265	
2.	In my capacity as a Landman, pursuant to the prov Administrative Rule 649-3-22, I have provided a copy of Que and Production Company's application for completion of the 22 well into two or more pools, in the form of Utah Division Mining's Form 9 Sundry Notice, to owners of all contiguous or or drilling units overlying the pools which are the subject of the	estar Exploration GB 16ML-20-8- n of Oil, Gas and oil and gas leases
3.	In my capacity as a Landman, I am authorized to provide Questar Exploration and Production Company's application owners and to make this affidavit on this 4th day of 2009.	n to contiguous
		<b>-</b>
	Printed Name: Nathan C	<del></del>
. A	oregoing instrument was sworn to and subscribed before me this	day of
Notary I	THERESA CHATM -NOTARY PUBLIC STATE OF COLORA	C-



**T8S-R22E** 

## Tw/Kmv **COMMINGLED PRODUCTION**

Uinta Basin-Uintah County, Utah

Commingled well

Well: GB 16ML 20-8-22 Lease: UTU 74493

QUESTAR Exploration and

Production 1050 17th St., # 500 Denver, CO 80265 Geologist: Landman: Nate Koeniger

Date: July 1, 2008

#### Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

(for state use only)

ROUTING	
CDW	

3. The new company was checked on the Department of Commerce, Division of Corporations Database on: 4a. Is the new operator registered in the State of Utah: 4b. Is the new operator registered in the State of Utah: 4c. Requested 4c. Requested 4c. Requested 4c. Requested 4c. Requested 4c. Requested 4c. Requested 4c. Reports current for Production/Disposition & Sundries on: 4c. Reports current for Production/Disposition & Sundries on: 4c. Reports current for Production/Disposition & Sundries on: 4c. Reports current for Production/Disposition & Sundries on: 4c. Reports current for Production/Disposition & Sundries on: 4c. Reports current for Production/Disposition & Sundries on: 4c. Reports current for Production/Disposition & Sundries on: 4c. Reports current for Production/Disposition & Sundries on: 4c. Reports current for Production/Disposition & Sundries on: 4c. Reports current for Production/Disposition & Sundries on: 4c. Rederal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change, 4c. or operator change for all wells listed on Federal or Indian leases on: 4c. BLM 8/16/2010  BIA not 4c. Rederal and Indian Communization Agreements ("CA"): 4c. The BLM or BIA has approved the operator for all wells listed within a CA on: 4c. Pederal and Indian Communization Agreements ("CA"): 4c. The BLM or BIA has approved the operator for all wells listed within a CA on: 4c. Pederal and Indian Communization Agreements ("CA"): 4c. The BLM or BIA has approved the operator for the water disposal well(s) listed on: 4c. Changes entered in the Oil and Gas Database on: 4c. Changes entered in the Oil and Gas Database on: 4c. Changes have been entered on the Monthly Operator Change Spread Sheet on: 4c. Changes have been entered in RBDMS on: 4c. Changes have been entered in RBDMS on: 4c. Changes have been entered in RBDMS on: 4c. Changes have been entered in RBDMS on: 4c. Changes have been entered in RBDMS on: 4c. Changes lateral report of the Monthly Operator Change Spread Sheet on: 4c. Changes lateral req	
N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265  Phone: 1 (303) 308-3048  CA No.  Unit:  WELL NAME  SEC TWN RNG API NO ENTITY NO ENTITY NO ENTITY EASE TYPE WELL STA  SEE ATTACHED  OPERATOR CHANGES DOCUMENTATION Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 6(28/2010 2. (R649-8-10) Sundry or legal documentation was received from the NEW operator on: 6(28/2010 3. The new company was checked on the Department of Commerce, Division of Corporations Database on: 4a. Is the new operator registered in the State of Utah: 8usiness Number: 764611-0143 Requested 5b. Inspections of LA PA state/fee well sites complete on: 5c. Reports current for Production/Disposition & Sundries on: 6c. Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7. Federal and Indian Communization Agreements ("CA"): The BLM or BIA has approved the successor of unit operator for wells listed on: 8. Federal and Indian Communization Agreements ("CA"): The BLM or BIA has approved the experator for all wells listed within a CA on: N/A 9. Underground Injection Control ("UIC") Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6(29/2010  DATA ENTRY: 1. Changes entered in the Oil and Gas Database on: 6(30/2010 6(30/2010 6(30/2010 6(30/2010 6(30/2010	
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Receipt of Acceptance of Drilling Dress Laws C. ADD AV	
6. Receipt of Acceptance of Drilling Procedures for APD/New on:  n/a  BOND VERIFICATION:	
I Federal well(c) 11 P 127 1	
ESD000024	
32 (P640 2 1) The NEW country of 11 (C)	
Sh. The FOPMED experience has a state/fee well(s) listed covered by Bond Number 965010695	
Bb. The FORMER operator has requested a release of liability from their bond on:  No. 1/2  N/2	
1. (R649-2-10) The NEW operator of the fee wells has been contacted and informed by a letter from the Division	
of their responsibility to notify all interest owners of this change on:	
COMMENTS:	

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL CAS AND MINUS

DIVISION OF OIL, GAS AND MINING		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached							
SUNDRY NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: See attached							
unii nonzoniai laterais. Use APPLICATION FOR PERMIT TO DRILL form for such	-hole depth, reenter plugged wells, or to n proposals.	7. UNIT or CA AGREEMENT NAME: See attached							
OIL WELL GAS WELL OTHER		8. WELL NAME and NUMBER: See attached							
Questar Exploration and Production Company N5085		9. API NUMBER: Attached							
SUNDRY NOTICES AND REPORTS ON WELLS  See attached  DO NOT USE BEFORM TO PROTECTION FOR PROPERTY TO 2014.1. Common to see depth, reverse plugged viete, or to deliberate liber services (supricing) viete of common to see depth, reverse plugged viete, or to deliberate liber services (supricing) viete of viete property of 2014. VELL   GAS WELL   OTHER   See attached  2. NAME OF OPERATOR  Questar Exploration and Production Company N 9985  2. NAME OF OPERATOR  QUESTAR EXPLORATE See attached  2. NAME OF OPERATOR  QUESTAR EXPLORATE See attached  2. NAME OF OPERATOR  QUESTAR EXPLORATE SECTION, TOWNSHIP RANGE, MERIDIAN.  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION TYPE OF ACTION  TYPE OF SUBMISSION TYPE OF ACTION  QUESTAR SECTION, TOWNSHIP RANGE, MERIDIAN.  1. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION TYPE OF ACTION  QUESTAR DIPIDIAN SHORE SEAT   SUBMISSION   STATE WITHOUT SERVICES SEAT SHORE SEAT   SUBMISSION   STATE WITHOUT SEAT SHORE SEAT   SUBMISSION TYPE OF ACTION  QUESTAR DIPIDIAN SHORE SEAT   SUBMISSION   STATE WITHOUT SEAT SHORE SEAT   SUBMISSION   STATE WITHOUT SEAT SHORE SEAT   SUBMISSION   STATE WITHOUT SEAT SHORE SEAT   SUBMISSION   SUBMI									
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TYPE OF SUBMISSION		THE THE TENTA							
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this third for programs in the little settle, applicationally device certain, with black current between trop reportance.  I here or metal. Off. WELL   GAS WELL   OTHER   See attached									
Federal Bond Number: 965002976 (BLM Reference No. ESB0000 Utah State Bond Number: 965003033 > 965010695 Fee Land Bond Number: 965003033 > 965010695 BIA Bond Number: 799446 965010693  The attached document is an all inclusive list of the wells operated June 14, 2010 QEP Energy Company assumes all rights, duties ar	by Questar Exploration as	nd Production Company 'As of							
NAME (PLEASE PRINT) Morgan Anderson	титье Regulatory Affairs	Analyst							
SIGNATURE MOGALI AND AND AND AND AND AND AND AND AND AND	DATE 6/23/2010								
his space for State use only)									

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(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

APPROVED 61301 2009
Carley Russell
Division of Oil, Gas and Mining
Earlene Russell. Engineering Technician

	CHEC	uve Ju	ine 14,	2010					
well_name	sec	c twp	rng	api	entity	mineral lease	type	stat	C
WEST RIVER BEND 3-12-10-15	12	1009	5 150E	4301331888	14542	Federal	OW	P	C
WEST RIVER BEND 16-17-10-17	17	1009	170E	4301332057	14543	Federal	OW	P	
WEST DESERT SPRING 11-20-10-17	20	1005	170E	4301332088	14545	Federal	OW	S	
GD 8G-35-9-15	35	0905	150E	4301333821		Federal	OW	APD	C
GD 9G-35-9-15	35	0905	150E	4301333822		Federal	OW	APD	C
GD 10G-35-9-15	35	0905	150E	4301333823		Federal	OW	APD	C
GD 11G-35-9-15	35	0905	150E	4301333824		Federal	OW	APD	C
GD 12G-35-9-15	35			4301333825		Federal	OW	APD	C
GD 13G-35-9-15	35			4301333826		Federal	OW	APD	C
GD 1G-34-9-15	34	0908		4301333827	16920	Federal	OW	P	
GD 2G-34-9-15	34	0908		4301333828		Federal	OW	APD	C
GD 7G-34-9-15	34	0908		4301333829		Federal	ow	APD	C
GD 7G-35-9-15	35	0908		4301333830		Federal	OW	APD	C
GD 14G-35-9-15	35	0908		4301333831		Federal	OW	APD	C
GD 15G-35-9-15	35	090S		4301333832		Federal	OW	APD	C
GD 16G-35-9-15	35	090S		4301333833	16921	Federal	OW	P	<del> </del>
GD 1G-35-9-15	35	090S		4301333834	10,21	Federal	OW	APD	C
GD 2G-35-9-15	35	090S		4301333835		Federal	OW	APD	C
GD 3G-35-9-15	35			4301333836		Federal	OW	APD	C
GD 4G-35-9-15	35			4301333837		Federal	OW	APD	C
GD 5G-35-9-15	35			4301333838		Federal	OW		
GD 6G-35-9-15	35			4301333839		Federal	OW	APD	C
GD 8G-34-9-15	34			4301333840		Federal	OW	APD	C
GD 9G-34-9-15	34			4301333841		Federal	OW	APD	C
GD 10G-34-9-15	34			4301333842				APD	C
GD 15G-34-9-15	34			4301333843			OW	APD	C
GD 16G-34-9-15	34			4301333844	'		OW	APD	C
GOVT 18-2	18			4301930679	2575		OW	APD	C
FEDERAL 2-29-7-22	29			4304715423	5266		OW	P	-
UTAH FED D-1	14			4304715936	10699		GW	TA	
UTAH FED D-2	25			4304715937			***************************************	S	ļ <u>.</u>
PRINCE 1	10			4304715937	9295 7035			S	
UTAH FED D-4	14			4304710199	9297			<u>P</u>	-
ISLAND UNIT 16	11			4304731213 4304731505				S	
EAST COYOTE FED 14-4-8-25	04			4304731303 4304732493	1061			<u>S</u>	
PRINCE 4				1304732493	11630			<u>P</u>	
GH 21 WG	21			1304732677	7035			<u>P</u>	
OU SG 6-14-8-22				1304732692 1304732746	11819			P	
FLU KNOLLS FED 23-3	03			1304732746	11944			S	
GH 22 WG				1304732734	12003			P	
OU GB 12W-20-8-22					12336			P	
OU GB 15-18-8-22				1304733249	13488			P	
OU GB 3W-17-8-22				304733364	12690			P	
OU GB 5W-17-8-22				304733513	12950			P	
WV 9W-8-8-22				304733514	12873			P	
OU GB 9W-18-8-22				304733515	13395			P	
OU GB 3W-20-8-22				304733516	12997			Р	
OU GB 12W-30-8-22				304733526	13514			P	
WV 10W-8-8-22				304733670	13380			Р	
GH 7W-21-8-21				304733814	13450		GW ]	P	
GH 7W-21-8-21 GH 9W-21-8-21				304733845	13050	Federal (	GW ]	P	
G11 7 W -21-0-21	21	080S	210E  4	304733846	13074	Federal (	GW ]	•	***************************************

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GH 11W-21-8-21	21			4304733847	13049	Federal	GW	P	
GH 15W-21-8-21	21			4304733848	13051	Federal	GW	P	
WV 2W-9-8-21	09			4304733905	13676	Federal	GW	P	
WV 7W-22-8-21	22	080S	210E	4304733907	13230	Federal	GW	P	
WV 9W-23-8-21	23	080S	210E	4304733909	13160	Federal	GW	P	
GH 14W-20-8-21	20	080S	210E	4304733915	13073	Federal	GW	P	
OU GB 4W-30-8-22	30	080S	220E	4304733945	13372	Federal	GW	P	1
OU GB 9W-19-8-22	19	080S	220E	4304733946	13393	Federal	GW	P	
OU GB 10W-30-8-22	30	080S	220E	4304733947	13389	Federal		P	
OU GB 12W-19-8-22	19			4304733948	13388		GW	P	
GB 9W-25-8-21	25			4304733960	13390	Federal	GW	P	
SU 1W-5-8-22	05			4304733985	13369	Federal	GW	P	<del>                                     </del>
SU 3W-5-8-22	05			4304733987	13321		OW	S	
SU 7W-5-8-22	05			4304733988	13235	Federal	GW	P	
SU 9W-5-8-22	05			4304733990	13238	Federal	GW	P	<del> </del>
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SU 15W-5-8-22	05			4304733996	13240	<del> </del>	GW	P	<del> </del>
WV 8W-8-8-22	08			4304734005	13320	Federal		P	
WV 14W-8-8-22	08			4304734007	13322	Federal		S	
OU GB 6W-20-8-22	20			4304734018	13518		GW	P	-
OU GB 5W-30-8-22	30			4304734025	13510		GW	P	
OU GB 11W-20-8-22	20			4304734039	13413	Federal	GW	P	
OU GB 4W-20-8-22	20			4304734043	13520		GW	P	ļ
GH 5W-21-8-21	21			4304734147	13320		GW	P	
GH 6W-21-8-21	21			4304734147	13371	Federal		P P	<del> </del>
GH 8W-21-8-21	21			4304734148	13293			P P	
GH 10W-20-8-21	20			4304734149	13328		GW	P	
GH 10W-21-8-21	21			4304734151	13378				<u></u>
GH 12W-21-8-21				4304734152			GW	P	
GH 14W-21-8-21				4304734153	13294	Federal	GW	P	
GH 16W-21-8-21				4304734154	13292	Federal		P	
WV 2W-3-8-21				4304734137	13329			P	
OU GB 5W-20-8-22				4304734207	13677			P	
WV 6W-22-8-21		-			13414			P	
GH 1W-20-8-21				4304734272	13379	Federal		<u>P</u>	
GH 2W-20-8-21				4304734327	13451			<u>P</u>	
GH 2W-20-8-21 GH 3W-20-8-21				4304734328	13527			P	<u> </u>
GH 7W-20-8-21				4304734329	13728		GW	P	
GH 9W-20-8-21				4304734332	13537			P	
GH 11W-20-8-21				4304734333	13411		GW	P	
GH 15W-20-8-21				4304734334	13410		GW	P	
				4304734335	13407			P	
GH 16W-20-8-21 WV 12W-23-8-21			~~~~	4304734336	13501			P	
OU GB 13W-20-8-22				4304734343	13430		***************************************	P	
				4304734348	13495			P	
OU GB 14W-20-8-22				4304734349	13507			P	
OU GB 11W-29-8-22				4304734350	13526			P	
				4304734384	13750			S	
				4304734388	13422	Federal	OW	P	
				4304734389	13738	Federal	OW	P	
				4304734390	13459	Federal	ow	P	
SU BRENNAN W 15W-18-7-22	18	070S	220E	4304734403	13442	Federal	GW	TA	

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SU 16W-5-8-22	05	080S	220E	4304734446	13654	Federal	GW	P	1
SU 2W-5-8-22	05	080S	220E	4304734455	13700	Federal		P	
SU 10W-5-8-22	05	***************************************		4304734456	13540	Federal		P	
WV 16W-8-8-22	08	080S	***********	4304734470	13508	Federal		P	
OU GB 16WX-30-8-22	30	080S		4304734506	13431	Federal	GW	P	+
OU GB 1W-19-8-22	19			4304734512	13469	Federal		P	-
OU GB 2W-19-8-22	19			4304734513	13461	Federal		P	-
OU GB 5W-19-8-22	19			4304734514	13460	Federal		P	-
OU GB 7W-19-8-22	19			4304734515	13462	Federal		P	-
OU GB 8W-19-8-22	19			4304734516	13489	Federal	GW	P	
OU GB 11W-19-8-22	19			4304734517	13467	Federal	GW	P	
OU GB 16W-19-8-22	19			4304734522	13476	Federal	GW	P	
OU GB 1W-30-8-22	30	***		4304734528	13487	Federal			
OU GB 3W-30-8-22	30	080S		4304734528			GW	S	
OU GB 6W-30-8-22	30	080S		4304734529	13493	Federal	GW	P	
OU GB 7W-30-8-22					13519	Federal	GW	P	
OU GB 8W-30-8-22	30	080S		4304734531	13494	Federal	+	P	
	30		***************************************	4304734532	13483	Federal	GW	P	
OU GB 9W-30-8-22	30			4304734533	13500	Federal	GW	P	
OU GB 6W-19-8-22	19			4304734534	13475	Federal		P	
OU GB 10W-19-8-22	19			4304734535	13479	Federal	GW	P	
OU GB 13W-19-8-22	19			4304734536	13478	***	GW	P	
OU GB 14W-19-8-22	19			4304734537	13484	Federal		P	
OU GB 15W-19-8-22	19			4304734538	13482	Federal	GW	P	
OU GB 12W-17-8-22	17			4304734542	13543	Federal	GW	P	
OU GB 6W-17-8-22	17			4304734543	13536	Federal	GW	P	
OU GB 13W-17-8-22	17			4304734544	13547	Federal	GW	P	
OU GB 6W-29-8-22	29	080S	220E	4304734545	13535	Federal	GW	P	
OU GB 3W-29-8-22	29	080S	220E	4304734546	13509	Federal	GW	P	
OU GB 13W-29-8-22	29	080S	220E	4304734547	13506	Federal	GW	P	
OU GB 4W-29-8-22	29	080S	220E	4304734548	13534	Federal	GW	P	
OU GB 5W-29-8-22	29	080S	220E	4304734549	13505	Federal	GW	P	
OU GB 14W-17-8-22	17	080S	220E	4304734550	13550	Federal	GW	P	
OU GB 11W-17-8-22	17	080S	220E	4304734553	13671	Federal	GW	P	
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OU GB 2W-17-8-22	17			4304734559	13539		GW	P	1
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OU GB 9W-29-8-22	******			4304734576	13551	Federal	GW	P	+
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OU GB 15W-29-8-22	29			4304734578	13594	Federal		P	
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OU GB 1W-17-8-22				4304734623	13701	Federal	GW	P	
OU GB 9W-17-8-22	17	080S	220E	4304734624	13663	Federal	GW	P	

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OU GB 10W-17-8-22	17	080S	220E	4304734625	13684	Federal	GW	P	
OU GB 9W-20-8-22	20			4304734630	13637	Federal	GW	P	
OU GB 10W-20-8-22	20	080S	220E	4304734631	13682	Federal	GW	P	
OU GB 15W-20-8-22	20	080S	220E	4304734632	13613	Federal	GW	P	
OU WIH 15MU-21-8-22	21	080S	220E	4304734634	13991	Federal		P	
OU WIH 13W-21-8-22	21	080S	220E	4304734646	13745	Federal		P	
OU GB 11W-15-8-22	15	080S	220E	4304734648	13822	Federal	GW	P	
OU GB 13W-9-8-22	09	080S	220E	4304734654	13706	Federal	GW	P	
OU WIH 14W-21-8-22	21	080S	220E	4304734664	13720	Federal	GW	P	1
OU GB 12WX-29-8-22	29	080S	220E	4304734668	13555	Federal	GW	P	
OU WIH 10W-21 <b>-8</b> -22	21	080S	220E	4304734681	13662	Federal	GW	P	
OU GB 4G-21-8-22	21	080S	220E	4304734685	13772	Federal	OW	P	
OU GB 3W-21-8-22	21	080S	220E	4304734686	13746	Federal	GW	P	
OU GB 16SG-30-8-22	30	080S	220E	4304734688	13593	Federal	GW	P	
OU WIH 7W-21-8-22	21	080S	220E	4304734689	13716	Federal	GW	P	
OU GB 5W-21-8-22	21			4304734690	13770	Federal	GW	P	<del> </del>
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OU GB 5G-19 <b>-</b> 8-22	19			4304734695	13786	Federal	OW	P	
OU GB 7W-20-8-22	20			4304734705	13710	Federal	GW	P	
OU SG 14W-15-8-22	15			4304734710	13821	Federal	GW	P	
OU SG 15W-15-8-22	15			4304734711	13790	Federal	GW	P	
OU SG 16W-15-8-22	15			4304734712	13820	Federal	GW	P	
OU SG 4W-15-8-22				4304734713	13775	Federal	GW	P	-
OU SG 12W-15-8-22	15			4304734714	13838	Federal	GW	P	
OU GB 5MU-15-8-22	15			4304734715	13900	Federal	GW	P	+
OU SG 8W-15-8-22	15			4304734717	13819	Federal	GW	P	
OU SG 9W-15-8-22	15			4304734718	13773	Federal	GW	P	
OU SG 10W-15-8-22	15			4304734719	13773	Federal	GW	P	-
OU SG 2MU-15-8-22	15			4304734721	13887	Federal	GW	P	-
OU SG 7W-15-8-22				4304734722	13920	Federal	GW	P	-
OU GB 14SG-29-8-22				4304734743	14034	Federal	GW	P	+
OU GB 16SG-29-8-22				4304734744	13771	Federal	GW	P	-
OU GB 13W-10-8-22				4304734754	13774		GW	P	
OU GB 6MU-21-8-22				4304734755	14012	Federal		P	
OU SG 10W-10-8-22				4304734764	13751	Federal	GW	P	-
OU GB 14M-10-8-22				4304734768	13731	Federal		P	-
OU SG 9W-10-8-22				4304734783	13725	Federal	GW GW	P	
OU SG 16W-10-8-22				4304734784	13723	Federal		P	
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GB 3M-27-8-21				4304734837	13966	Federal		P	+
WVX 11D-22-8-21				4304734900	14614	Federal	GW	P	
GB 11M-27-8-21				4304734902 4304734952	14632	Federal	GW	P	
GB 9D-27-8-21	***************************************				13809	Federal	GW	P	
GB 1D-27-8-21				4304734956 4304734957	14633	Federal	GW	P	
WRU EIH 2M-35-8-22				4304734957	14634	Federal	GW	P	<b>-</b>
GH 12MU-20-8-21					13931	Federal		P	
OU SG 4W-11-8-22				4304735069	14129	Federal		P	<del> </del>
OU SG 4W-11-8-22				4304735071	14814	Federal	GW	OPS	C
				4304735072	14815	Federal	GW	OPS	С
SG 6ML-11-8-22		****		4304735073	14825	Federal	GW	P	
OU SG 5MU-14-8-22				4304735076	13989	Federal	GW	P	<u> </u>
OU SG 6MU-14-8-22	14	080S	220E	4304735077	14128	Federal	GW	P	

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SG 12MU-14-8-22	14	080S	220E	4304735078	13921	Federal	GW	P	
OU SG 13MU-14-8-22	14	080S	220E	4304735079	13990	Federal	GW	P	
OU SG 9MU-11-8-22	11	080S	220E	4304735091	13967	Federal	GW	P	
SG 11SG-23-8-22	23	080S	220E	4304735099	13901	Federal	GW	TA	
OU SG 14W-11-8-22	11	080S	220E	4304735114	14797	Federal	GW	OPS	C
SG 5MU-23-8-22	23	080S	220E	4304735115	14368	Federal	GW	P	<u> </u>
SG 6MU-23-8-22	23	080S	220E	4304735116	14231	Federal	GW	P	
SG 14MU-23-8-22	23	080S	220E	4304735117	14069	Federal	GW	P	-
SG 12MU-23-8-22	23			4304735188	14412	Federal	GW	P	1
SG 13MU-23-8-22	23			4304735190	14103		GW	P	
WH 7G-10-7-24	10			4304735241	14002	Federal		S	
GB 4D-28-8-21	28			4304735246	14645	Federal		P	
GB 7M-28-8-21	28			4304735247	14432	Federal	GW	P	
GB 14M-28-8-21	28			4304735248	13992	Federal	GW	P	
SG 11MU-23-8-22	23			4304735257	13973	Federal	GW	P	
SG 15MU-14-8-22	14			4304735328	14338	Federal	GW	P	-
EIHX 14MU-25-8-22	25			4304735330	14501	Federal	GW	P	<del> </del>
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NBE 12ML-10-9-23	10			4304735333	14260	Federal	GW	P	<del> </del>
NBE 13ML-17-9-23	17			4304735334	14000	Federal	GW	P	ļ
NBE 4ML-26-9-23	26			4304735335	14215	Federal	GW	P	
SG 7MU-11-8-22	11			4304735333	14635		GW	S	
SG 1MU-11-8-22	11	******		4304735374	14033	Federal	GW	P	
OU SG 13W-11-8-22	11			4304735373	14279	Federal		ļ	
SG 3MU-11-8-22	11			4304735377	14798	Federal	GW	OPS P	C
SG 8MU-11-8-22	11			4304735379	14616	Federal	GW	P	
SG 2MU-11-8-22	11			4304735380	14636		+	P	<del> </del>
SG 10MU-11-8-22	11			4304735381		Federal	-	P	
SU 11MU-9-8-21	09	~~~~~~~		4304735412	14979	Federal	GW		ļ
OU GB 8MU-10-8-22	10			4304735412	14143	Federal	GW	P	
EIHX 2MU-25-8-22	25			4304735422	15321	Federal	GW	OPS	C
EIHX 1MU-25-8-22	25			4304735427	14666	Federal	GW	P	
EIHX 7MU-25-8-22					14705	Federal		P	
EIHX 8MU-25-8-22				4304735429	14682			P	
EIHX 9MU-25-8-22				4304735430	14706	Federal		P	
EIHX 9MO-25-8-22 EIHX 16MU-25-8-22				4304735433	14558	Federal	GW	P	
EIHX 15MU-25-8-22				4304735434	14502	Federal		P	
EIHX 19MU-25-8-22 EIHX 10MU-25-8-22				4304735435	14571	Federal		P	
	25			4304735436	14537		GW	P	
GB 3MU-3-8-22 NBE 15M-17-9-23				4304735457	14575	Federal		P	
				4304735463	14423	Federal	<del></del>	P	
NBE 7ML-17-9-23				4304735464	14232			P	
NBE 3ML-17-9-23				4304735465	14276	Federal	GW	P	
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NBE 10ML-10-9-23				4304735650	14377	Federal		P	
NBE 6ML-10-9-23				4304735651	14422	~		P	
NBE 12ML-17-9-23				4304735652	14278	Federal		P	
NBE 6ML-26-9-23				4304735664	14378	Federal	GW	P	
NBE 11ML-26-9-23				4304735665	14340	Federal	GW	P	
NBE 15ML-26-9-23	26	090S	230E	4304735666	14326	Federal	GW	P	
SG 4MU-23-8-22	23	080S	220E	4304735758	14380	Federal	GW	P	
SG 11MU-14-8-22	14	2080	220F	4304735829	14486	Federal		P	

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RB DS FED 1G-7-10-18	07	100S	180E	4304735932	14457	Federal	OW	$\overline{S}$	_
RB DS FED 14G-8-10-18	08			4304735933	14433	Federal		P	
OU SG 14MU-14-8-22	14			4304735950	14479	Federal		P	
COY 12ML-24-8-24	24			4304736039	14592	Federal		P	
WIH 1AMU-21-8-22	21			4304736060	14980	Federal		P	
SU 8M-12-7-21	12			4304736096	16610	Federal		OPS	С
NBE 4ML-10-9-23	10			4304736098	15732	Federal		P	
NBE 8ML-10-9-23	10			4304736099	15733	Federal		P	
NBE 16ML-10-9-23	10	090S		4304736100	14728	Federal		S	-
SUBW 14M-7-7-22	07			4304736136	15734	Federal		P	
NBE 8ML-12-9-23	12			4304736143	15859	Federal	GW	S	
GB 16D-28-8-21	28			4304736260	14981	Federal	GW	P	
NBE 5ML-10-9-23	10	090S		4304736353	15227	Federal	GW	P	
NBE 7ML-10-9-23	10			4304736355	15850	Federal	GW	P	
NBE 3ML-10-9-23	10			4304736356	15393	Federal	GW	P	
EIHX 4MU-36-8-22	36			4304736444	14875	Federal		P	
EIHX 3MU-36-8-22	36			4304736445	14860	Federal	GW		
EIHX 2MU-36-8-22	36			4304736446			GW	P	
EIHX 1MU-36-8-22	36			4304736447	14840	Federal	GW	S	
NBE 7ML-26-9-23	26			4304736587	14861	Federal	GW	P	
NBE 8ML-26-9-23	26			4304736588	16008	Federal	GW	P	
NBE 1ML-26-9-23	26			4304736588	15689	Federal	GW	P	-
NBE 2ML-26-9-23					15880	Federal	GW	P	
NBE 3ML-26-9-23				4304736590	15898	Federal	GW	S	
NBE 5ML-26-9-23				4304736591	15906	Federal	GW	P	
NBE 9ML-10-9-23				4304736592	15839	Federal		P	
NBE 11ML-10-9-23				4304736593	15438	Federal	GW	P	
NBE 15ML-10-9-23				4304736594	15228	Federal	GW	P	
NBE 2ML-17-9-23				4304736595	15439	Federal	GW	P	
NBE 4ML-17-9-23				4304736614	15126	Federal	GW	P	
NBE 6ML-17-9-23				4304736615	15177	Federal		P	
NBE 10ML-17-9-23				4304736616	15127	Federal	GW	S	
				4304736617	15128	Federal	GW	P	
NBE 14ML-17-9-23 NBE 9ML-26-9-23	1			4304736618	15088	Federal	GW	P	
				4304736619	15322	Federal	GW	P	
NBE 10D-26-9-23				4304736620	15975	Federal	GW	S	
NBE 12ML-26-9-23				4304736621	15840	Federal	GW	P	
NBE 13ML-26-9-23				4304736622	15690	Federal	GW	P	
NBE 14ML-26-9-23				4304736623	15262	Federal	GW	P	
NBE 16ML-26-9-23				4304736624	15735	Federal	GW	P	
WF 1P-1-15-19				4304736781	14862	Indian	GW	P	
SG 3MU-23-8-22	14	080S	220E 4	4304736940	15100	Federal	GW	P	
NBE 5ML-17-9-23	17	090S	230E	4304736941	15101			P	
TU 14-9-7-22	09	070S	220E 4	4304737345	16811	Federal		OPS	C
WF 14C-29-15-19				4304737541	15178	Indian		P	<del>-</del>
NBE 2ML-10-9-23				4304737619	15860			P	-
GB 16ML-20-8-22				4304737664	15948			P	<b>†</b>
WVX 8ML-5-8-22				4304738140	-52.10			APD	C
WVX 6ML-5-8-22				1304738141				APD	C
WVX 1MU-17-8-21				1304738156	<del>                                     </del>			APD	
GH 8-20-8-21				1304738157					C
WVX 4MU-17-8-21				1304738190				APD APD	C C

well_name	sec	twp	rng	api	entity	mineral	type	stat	С
WVX 16MU-18-8-21	18	080S	2100	4304738191		lease	-		
GH 7D-19-8-21	19				1,0000	Federal		APD	C
WF 8C-15-15-19	15			4304738267	16922	Federal		P	
WVX 1MU-18-8-21	18			4304738405 4304738659	17142	Indian	GW	OPS	C
WVX 9MU-18-8-21	18			4304738659		Federal	GW	APD	C
GB 12SG-29-8-22	29				16006	Federal	GW	APD	C
GB 10SG-30-8-22	30	0005	220E	4304738766 4304738767	16096	Federal	GW	S	
FR 14P-20-14-20	20			4304739168	16143	Federal	GW	S	
SU 11M-8-7-22	08			4304739168	16179	Federal	GW	P	
HB 2M-9-7-22	09					Federal	GW	APD	C
SUMA 4M-20-7-22	20			4304739176		Federal	GW	APD	C
SU 16M-31-7-22	31			4304739177	***************************************	Federal	GW	APD	C
FR 13P-20-14-20				4304739178		Federal	GW	APD	C
SG 11BML-23-8-22	20			4304739226	16719	Federal	GW	P	
SG 12DML-23-8-22	23			4304739230		Federal	GW	APD	C
GB 1CML-29-8-22	23			4304739231	-	Federal	GW	APD	C
NBE 8CD-10-9-23	29			4304739232		Federal	GW	APD	C
NBE 15AD-10-9-23	10			4304739341	16513	Federal	GW	P	ļ
NBE 6DD-10-9-23	10			4304739342			GW	APD	C
NBE 6AD-10-9-23	10			4304739343		Federal	GW	APD	C
NBE 6BD-10-9-23	10			4304739344		Federal	GW	APD	C
	10			4304739345		Federal	GW	APD	C
NBE 5DD-10-9-23 NBE 7BD-17-9-23	10			4304739346	16574	Federal	GW	P	
	17			4304739347		Federal	GW	APD	C
NBE 4DD-17-9-23	17			4304739348	16743		GW	P	
NBE 10CD-17-9-23	17			4304739349	16616	Federal	GW	P	
NBE 11CD-17-9-23	17			4304739350		Federal	GW	APD	C
NBE 8BD-26-9-23	26			4304739351	16617	Federal	GW	P	
NBE 3DD-26-9-23	26			4304739352		Federal	GW	APD	C
NBE 3CD-26-9-23	26			4304739353		Federal	GW	APD	C
NBE 7DD-26-9-23	26			4304739354		Federal	GW	APD	C
NBE 12AD-26-9-23	26			4304739355		Federal	GW	APD	C
NBE 5DD-26-9-23	26			4304739356		Federal	GW	APD	С
NBE 13AD-26-9-23	26			4304739357		Federal	GW	APD	C
NBE 14AD-26-9-23	26	090S	230E	4304739358		Federal	GW	APD	C
NBE 9CD-26-9-23	26			4304739359		Federal	GW	APD	C
FR 9P-20-14-20	20	140S	200E	4304739461	17025	Federal	GW	S	
FR 13P-17-14 <b>-</b> 20	17	140S	200E	4304739462		Federal	GW	APD	С
FR 9P-17-14-20	17	140S	200E	4304739463	16829			P	
FR 10P-20-14-20	20	140S	200E	4304739465			GW	APD	С
FR 5P-17-14-20	17	140S	200E 4	4304739509			GW	APD	C
FR 15P-17-14-20	17			4304739510			GW	APD	C
FR 11P-20-14-20	20			4304739587				APD	
FR 5P-20-14-20				4304739588				APD	C
FR 9P-21-14-20	21			4304739589				APD	C
FR 13P-21-14-20	21			4304739590				APD	C
GB 7D-27-8-21	27			4304739661				APD	C
GB 15D-27-8-21	27			4304739662	16830			P	
WV 13D-23-8-21	+			4304739663	16813			P	
WV 15D-23-8-21				1304739664	16924			<u>г</u> Р	
FR 14P-17-14-20				1304739807	10724	***************************************			C
FR 12P-20-14-20				1304739808		i cuci ai	J 77	ヘエレ	Ų į

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	С
FR 6P-20-14 <b>-</b> 20	20	140S	200E	4304739809	16925	Federal	GW	P	<del>                                     </del>
FR 3P-21-14-20	21	140S		4304739810		Federal	GW	APD	C
FR 4P-21-14-20	21	140S	200E	4304739811	16771	Federal	GW	P	T
FR 8P-21-14-20	21	140S	200E	4304739812		Federal	GW	APD	C
FR 15P-21-14-20	21	140S	200E	4304739815		Federal	GW	APD	C
FR 2P-20-14-20	20	140S	200E	4304740053		Federal	GW	APD	
FR 2P-21-14-20	21	140S	200E	4304740200		Federal	GW	APD	C
WV 11-23-8-21	23	080S	210E	4304740303		Federal	GW	APD	C
GB 12-27-8-21	27	080S	210E	4304740304		Federal	GW	APD	C
GH 11C-20-8-21	20	080S	210E	4304740352		Federal	GW	APD	C
GH 15A-20-8-21	20	080S	210E	4304740353		Federal	GW	APD	С
GH 10BD-21-8-21	21	080S	210E	4304740354		Federal	GW	APD	C
FR 11P-21-14-20	21	140S	200E	4304740366		Federal	GW	APD	C
MELANGE U 1	09	140S	200E	4304740399		Federal	GW	APD	С
OP 16G-12-7-20	12	070S	200E	4304740481	17527	Federal	OW	DRL	C
OP 4G-12-7-20	12	070S	200E	4304740482		Federal	OW	APD	C
WF 8D-21-15-19	21	150S	190E	4304740489		Indian	GW	APD	C
WF 15-21-15-19	21	150S	190E	4304740490		Indian	GW	APD	1
WF 4D-22-15-19	22	150S	190E	4304740491		Indian	GW	APD	C



#### **United States Department of the Interior**



#### BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov/ut/st/en.html

IN REPLY REFER TO: 3100 (UT-922)

JUL 2 8 2010

Memorandum

To:

Vernal Field Office, Price Field Office, Moab Field Office Roja L Bankut

From:

Chief, Branch of Minerals

Subject:

Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from Questar Exploration and Production Company into QEP Energy Company is effective June 8, 2010.

cc:

**MMS UDOGM** 

AUG 1 6 2010

DIV. OF OIL, GAS a nin ....